The first visit of the expedition to Hong Kong continued from the 20th of March to the 12th of September. Most of this time was passed in the port of Hong Kong. ~~A~~ and the larger portion of the plants were obtained on the hills & in the ravines of the island. During the interval however an excursion was made to some small islands to the eastward which furnished some plants not observed at Hong-Kong itself. This was on the 3d 4th 5th & 6th of May. On the 12th of June we went to Whampoa remaining till the 16th when some additional plants were procured & then returned to Hong Kong. We went again to Whampoa on the 24th & remained there till 26th of July. This interval was improved as well as the circumscribed area ~~would allow~~ & the excited state of the population would allow in collecting plants in the fields & pastures. Thence we proceeded to Macao where a few more plants were obtained. The 2nd August we went to Cum-sing-moon where we lay till the 8th. The only accessible land here was a grass-covered hill which was examined. The rest of the time was passed at Hong-Kong.

The 29th of January 1855 the expedition again came to Hong Kong where it remainained till the 6th of April. This time was employed like the former ~~in diligent use~~ in searching for ~~new~~ addition all plants or for more specimens of those already procured at a different season.

Clematis parviloba. Gard. & Champ
Clematis Meyeniana Walp.
Delima sarmentosa L.
Michelia Champaca. L.
Magnolia Championi Benth
Kadsura Chinensis, Hance
Uvaria microcarpa, Champ.
Unona discolor Vahl.
Anona squamosa
Limacia cuspidata Hook & Th.
Cocculus villosus D.C.
Cocculus macrocarpus W. & Arn
Pericampylus incanus Miers
Stephania hernandifolia Walp.
Cyclea deltoidea Miers
Stauntonia Chinensis D.C.
Nelumbium speciosum Willd
Argemone Mexicana Linn.
Nasturtium montanum Wall
Cardamine hirsuta Linn.
Polanisia viscosa D.C.
Capparis membranacea Gardn & Champ.
Pittosporum glabratum Lindl
Scolopia Chinensis Clos.
Viola diffusa Ging.
Viola Patrinii D.C.
Stellaria aquatica Scop.

Stellaria uliginosa Murr.
Drymaria cordata Willd.
Polycarpaea corymbosa Lam.
Mollugo stricta Linn.
Tetragonia expansa Ait Tyber I.
Hypericum Japonicum Thunb
Cratoxylon polyanthum Korth
Garcinia multiflora Champ
Garcinia oblongifolia. Champ
Calophyllum membranaceum Gardn & Champ
Saurauja tristyla DC.
Ternstroemia Japonica Thunb.
Eurya Japonica Thunb
Eurya Macartneyi Champ
Ixonanthes Chinensis Jack
Pentaphylax euryoides Gardn & Champ
Gordonia anomala Spreng
Camellia reticulata Lindl
Camellia assimilis Champ
Camellia salicifolia Champ.
Camellia intermedia n. sp.
Camellia Hongkongensis Seem
Sida humilis Willd
Sida rhombifolia Linn
Sida rhombifolia Linn var canescens Cav.
Sida cordifolia Linn
Urena lobata Linn
Hibiscus Abelmoschus Linn
Hibiscus tiliaceus Linn
Sterculia lanceolata Cav

Reevesia thyrsoidea Lindl
Helicteres angustifolia Linn
Waltheria Americana Linn
Buettneria aspera Colebr.
Corchorus acutangulus Lam
Triumfetta angulata Lam.
Triumfetta pilosa Roth
Grewia microcos Linn
Grewia glabrescens Benth
Elaeocarpus lanceaefolius Roxb
Elaeocarpus Chinensis Hook. f.
Salomonia Cantoniensis Lour.
Polygala glomerata Lour. P. glomerata var?
Polygala elegans Wall
Polygala arillata Ham.
Nephelium Litschi Camb.
Acer oblongum Wall.
Acer reticulatum Champ
Glycosmis citrifolia Lindl

Turpinia arguta Seem
o nepalensis Wall

Atalantia buxifolia Oliv
Atalantia Hindsii Oliv
4 Vitis angustifolia Wall.
6 Vitis Cantoniensis Seem
1 Vitis parvifolia Roxb.
2 Vitis lanata Roxb.
5 Vitis corniculata Benth
3 Vitis heterophylla Thunb
Oxalis Martiana Zucc.
Oxalis corniculata Linn

Averrhoa Carambola L.
Xanthoxylum nitidum DC.
Xanthoxylum cuspidatum Champ
Xanthoxylum Avicennae DC.
Evodia ~~meliaefolia~~ Lamarckiana Benth
Toddalia aculeata Pers
Cyminosma pedunculata DC
Brucea Sumatrana Roxb.
Picrasma quassioides Benn
Hippocratea obtusifolia Roxb
Euonymus nitidus Benth
Euonymus longifolius Champ
Euonymus laxiflorus Champ
Euonymus hederaceus "
Celastrus Championi Benth
Celastrus monosperma Roxb
Ilex pubescens Hook & Arn
Ilex asprella Champ
Ilex viridis Champ
Ilex memecylifolia Champ
Ilex graciliflora Champ
Paliurus aubletii Schult
Ventilago leiocarpa Benth
Berchemia lineata Benth
Berchemia racemosa Sieb & Zucc
B. sessiliflora Benth
Sageretia Theezans Brogn
Rhamnus virgatus Roxb.
Canarium Pimela Kœnig
Mangifera Indica Linn
Rhus succedaneum L.

Rourea santaloides W. & Arn
Rourea microphylla Planch
Crotalaria retusa L
" albida Heyne
" elliptica Roxb
Indigofera hirsuta L
" endecaphylla Jacq
" venulosa Champ
Millettia Championi Benth
" speciosa Champ
" nitida Benth
Wistaria chinensis DC.
Zornia diphylla Pers
Alysicarpus vaginalis DC
" bupleurifolius DC.
Uraria crinita Desv
Lourea obcordata Desv
Desmodium triquetrum DC
" elegans Benth
" pulchellum "
" triflorum DC.
" polycarpum DC
" reticulatum Champ
Mucuna macrobotrys Hance
Canavallia gladiata DC
Cajanus bicolor DC
Lablab vulgaris Savi
Atylosia scarabaeoides Benth
Rhynchosia volubilis Lour
Eriosema chinense Vog.

Dalbergia Millettii Benth
" rubiginosa Roxb.
Derris uliginosa Benth
Pongamia glabra Vent
Bowringia callicarpa Champ
Ormosia emarginata Benth
Guilandina Bonduc Ait.
Caesalpinia vernalis Champ
" Nuga Ait
Cassia suffruticosa Roth
" occidentalis L
" mimosoides L
Bauhinia variegata L
" glauca Wall
" Championi Benth
Leucaena glauca Benth
Acacia concinna DC.
" farnesiana Willd
Albizzia speciosa
" Millettii Benth
Pithecolobium lucidum Benth
" clypearia —
Pygeum latifolium Miq.
Rubus reflexus (DC.) Bot Reg
" parvifolius L
" leucanthus Hance
Spiraea Reevesiana Lindl
Photinia serrulata Lindl?
" prunifolia Lindl

Rhaphiolepis ~~rubra~~ Indica Lindl
Jussiaea villosa Lam
Carallia integerrima DC
Ammannia rotundifolia Roxb
Lagerstroemia Indica L
Lawsonia alba Lam
Melastoma repens Lam
" macrocarpon Don
" decemfidum ~~sanguineum~~ Roxb
Osbeckia Chinensis Linn
Anplectrum

Baeckea frutescens L.
Syzygium buxifolium Hook & Arn
nervosum DC.
Acmena Championi Benth?
Jambosa vulgaris DC
Psidium Guajava L.
Rhodomyrtus tomentosa DC.
Casearia glomerata Roxb
Homalium fagifolium Benth
Passiflora Chinensis ~~insularis~~ sp. n.
" foetida
Karivia umbellata Arn.
Begonia laciniata Roxb.
Portulaca oleracea L
Bryophyllum calycinum Salisb
Sedum Formosanum sp. n.
Itea Chinensis Hook & Arn
Drosera Loureiri Hook & Arn
Drosera Burmanni Vahl.

Rhodoleia Championi Hook
Liquidambar Chinensis Champ
Eustigma oblongifolium Gardn & Champ
Distylium racemosum Sieb. & Zucc
Hydrocotyle Asiatica L.
" rotundifolia Roxb
Coriandrum sativum L.
Paratropia cantoniensis Hook & Arn
Dendropanax proto Benth
V. Marlea begoniaefolia Roxb Haloragis scabra Benth
Viscum orientale Willd
Viburnum No 482
" venulosum Benth
" odoratissimum Lindl
Lonicera longiflora DC
" macrantha DC
Adina globiflora Salisb
Thysanospermum diffusum Champ
Ophiorhiza pumila Champ
Hedyotis recurva Benth
" acutangula Champ
" loganioides Benth
" uncinella Hook & Arn
" auricularia H. & Arn
" " var parviflora
Oldenlandia hispida Poir
" angustifolia Benth
" herbacea DC.
" dichotoma H. & A
" brachiata?
" corymbosa L. Whampoa

Oldenlandia stricta Linn Whampoa
Mussaenda pubescens Ait
" erosa Champ
Gardenia florida Linn, & var radicans
Randia dumetorum Lam
" ? leucocarpa Champ
" sinensis R. & Sch
" ? canthioides Champ
Stylocoryne Webera A. Rich
Diplospora viridiflora DC
Pavetta Indica L.
Ixora stricta Roxb
Guettardella chinensis Champ
Canthium didymum Gaertn ~~umbellatum Champ~~
" Rheedii DC = C horridum Blume?
Morinda umbellata Linn
Lasianthus Chinensis Benth
Psychotria elliptica Ker
" serpens L
Spermacoce hispida L
" stricta L f.
Knoxia corymbosa Willd
Saussurea carthamoides Benth
Cirsium chinense Gardn & Champ
Vernonia cinerea Less
" chinensis "
" Cumingiana Benth
" solanifolia "
Elephantopus scaber L
Ageratum conyzoides L

Eupatorium Lindleyanum DC
Lagenophora Billardieri Cass
Aster baccharoides Steetz
" trinervius Benth?
" striatus Champ
Erigeron linifolius
Conyza veronicaefolia Wall?
Pluchea Indica Less
Blumea lacera DC. & var?
" hieracifolia DC
" " " var holosericea
" balsamifera DC
" Chinensis DC
Solidago Virgaurea L
Inula Cappa DC.
Anisopappus Chinensis Hook & Arn
Xanthium Strumarium L
Eclipta alba Hassk
Siegesbeckia orientalis L
Wedelia calendulacea Less
Wollastonia biflora DC
Bidens bipinnata L.
" pilosa "
Glossogyne tenuifolia Cass
Chrysanthemum Indicum L.
Grangea Maderaspatana Poir
Cotula anthemoides L.
Myriogyne minuta Less
Gnaphalium multiceps Wall
" purpureum L

Gnaphalium Indicum L.
Gynura pseudochina DC
Senecio Stauntonii DC
" Chinensis "
" sonchifolius Moench
Gerbera ~~ovatifolia~~ piloselloides Cass
Lactuca brevirostris Champ
Taraxacum Dens Leonis Desf.
Ixeris versicolor DC
" ramosissima A Gray
" repens A Gray
Stylidium uliginosum Sw
Wahlenbergia agrestis A.DC
Scaevola Lobelia L
Vaccinium Chinense Champ
Enkyanthus quinqueflorus Lour.
Rhododendron Championae Hook
Azalea Indica Linn
" squamata Lindl
Lysimachia alpestris Champ
Sphenoclea Zeylanica Gaertn
Maesa Sinensis DC
" coriacea Champ,
Embelia Ribes Burm
Samara obovata Benth
Myrsine capitellata Wall
Ardisia crispa DC
" punctata Lindl
" pauciflora Heyne
Ar" primulaefolia G & Ch

Sideroxylon Wightianum Hook & Arn
Diospyros vaccinioides A DC.
Diospyros Morrisiana Hance
" eriantha Champ
Styrax suberifolia Hook & Arn
" odoratissima Champ
Fraxinus retusa Champ
Olea marginata Champ
Ligustrum sinense Lour
Jasminum paniculatum Roxb
Allamanda cathartica L
Melodinus suaveolens Champ
" monogynus Roxb
" fusiformis Champ
Alyxia sinensis Champ
Vinca rosea Linn
Strophanthus divergens Grah
Aganosma laevis Champ
Pottsia cantoniensis Hook & Arn
Ecdysanthera micrantha A. DC
" rosea Hook & Arn
Toxocarpus Wightianus H & A
Holostemma pictum Champ
Asclepias curassavica L
Tylophora hispida Dcne
Marsdenia lachnostoma Benth
Stephanotis Chinensis Champ
Gymnema affine Dcne
Pentasacme Championi Benth
Dischidia chinensis Champ

Hoya carnosa R Br
Gelsemium elegans Benth
Mitrasacme nudicaulis Reinw

Buddleia Asiatica Lour
Strychnos paniculata Champ
" angustiflora Benth
Exacum tetragonum Roxb
Ehretia longiflora Champ
Ehretia serrata Roxb
Bothriospermum tenellum Fisch & Mey.
Argyreia Championi Benth
Ipomoea filicaulis Blume
" pes capræ Swartz
pentadactylis Chois
" ~~quinata~~ Br
tuberculata R & S ?
" ~~[illegible]~~ Roxb ?
Jacquemontia violacea Chois

Dichondra repens Forst.
Cuscuta Japonica Chois
Solanum nigrum L
" ~~Indicum~~ L sanctum L
" ferox L
" Wrightii Benth
Datura alba Nees
Linaria Elatine Mill
Mazus rugosus Lour
Pterostigma grandiflorum Benth
Herpestis Monnieria H.B.& K.
Dopatrium junceum Hamilt
Vandellia crustacea

Vandellia oblonga Benth
pedunculata
Torenia diffusa Don
" rubens, Benth
~~pedunculata~~
Hysanthes hyssopioides Benth
Bonnaya veronicaefolia Spreng
Scoparia dulcis
Microcarpaea muscosa R Br
Striga hirsuta Benth
Utricularia diantha R&Sch
" bifida L
" racemosa Wall
" coerulea L
" orbiculata Wall
Aeginetia Indica Roxb
Christisonia sinensis Lindl
Aeschynanthus bracteatus Wall
Ruellia repens L
Strobilanthes apricus T. Anders
~~Dilivaria ilicifolia~~ Juss,
Acanthus ilicifolius Linn
Justicia Gendarussa Linn
" ventricosa Wall
" Adhatoda L
" Championi Anders
Dicliptera Chinensis Nees
Stachytarpheta Indica Vahl
Verbena officinalis L
Lantana Camara L
Premna serratifolia L
Callicarpa tomentosa Willd

Callicarpa microphylla Vahl
" Reevesii Wall
" integerrima Champ
" rubella Lindl
" longifolia Lam
Clerodendron inerme L
" lividum Lindl = fortunatum L
" canescens
Vitex trifolia L
" Loureirii H&A
Gmelina Chinensis Benth
Perilla lanceolata "
Salvia plebeia Br
Scutellaria Indica L
Anisomeles ovata Br
Leonurus Sibiricus L
Leucas mollissima Wall
Teucrium quadrifarium Ham
Achyranthes aspera L
Cyathula prostrata Blume
Alternanthera sessilis Br
Polygonum plebeium Br
" orientale L
" chinense "
Cinnamomum dulce ~~Nees~~
Camphora parthenoxylon "
Machilus rimosa Blume
" velutina Champ
Alseodaphne [illegible] Benth
Tetranthera citrifolia Juss

Tetranthera polyantha Wall
" monopetala Roxb
Actinodaphne chinensis Nees
Litsaea zeylanica Nees.
Cassytha filiformis L.
Helicia Cochinchinensis Lour.
Boerhaavia diffusa L.
Cansjera Rheedii Gmel
Wikstroemia nutans Champ
" viridiflora Meisn.
Aquilaria grandiflora Benth
Elaeagnus Loureirii Champ
Henslowia frutescens "
Euphorbia bifida H & A
" hypericifolia L
" thymifolia L
" pilulifera L.
Stillingia japonica Sieb & Zucc
" sebifera A de Juss
" discolor Champ
Acalypha Zimmanii Spreng
Stipellaria trewioides Benth
Claoxylon parviflorum A Juss
Hancea Hookeriana Seem
Rottlera Chinensis A de Juss
" paniculata A Juss
" tinctoria Roxb
? cordifolia Benth
Croton lachnocarpus "
" Chinensis "

Phyllanthus cinerascens H & A
" anceps Vahl
" urinaria L
" leptoclados Benth
" Emblica Lin
Cicca microcarpa
Melanthesa Chinensis Blum
Glochidion Wrightii Benth
" Philippianum "
" sinicum H & A
" eriocarpum Champ
" molle H & A
" littorale Blum
Buxus sempervirens L
Bischoffia javanica Bl.
Daphniphyllum Roxburghii Baill
Aporosa frutescens Blum
Antidesma Japonicum Sieb & Z
Quercus fissa Champ
" salicina Blume
" Championi Benth.
" thalassica Hance
" Harlandi Hance
" Hancei Benth
" cornea Lour.
Celtis sinensis Pers
Sponia velutina Planch
Ficus Wightiana Wall
" Beecheyana H & A
" ~~Hispida~~
" retusa Li
" Wightii Benth

Ficus Harlandi Benth
" hirta Vahl
" Championi Benth
" impressa Champ
" variolosa Lindl
" pyriformis H & A
" nervosa Roth
Pellionia scabra Benth
Pouzolzia indica Gaud
Memorialis hispida Ham
Houttuynia cordata Thunb
Chloranthus brachystachys Blume
Chavica sarmentosa Miq
Gnetum scandens Roxb
Glyptostrobus heterophyllus Endl
Pinus sinensis, Lamb
Calamus
Phoenix acaulis Roxb?
Pandanus fascicularis Lam?
furcatus Roxb?
Arithemum ternatum
Arisaema laminatum Blume
Amorphophallus variabilis Blume?
Colocasia odora Brogn
" nymphaeifolia Kunth
Atherurus tripartitus Blume
Pothos scandens L
Acorus Calamus L
Najas minor All
Blyxa Roxburghii Rich
Alpinia nutans Rosc

Alpinia Chinensis Rosc
" ~~catenata~~ " ?
Canna indica L
Bolbophyllum radiatum Lindl
Eria pusilla Lindl
" rosea Lindl?
Pholidota chinensis Lindl
Arundina chinensis Blume
Phajus grandifolius Lour
Spathoglottis Fortunei Lindl
Pachystoma chinensis Reich f
— Ania
Cyrtopera flava Lindl
Cymbidium ensifolium Sw
Cottonia Championi Lindl?
[illegible] multiflora Lindl
~~Sarcanthus paniculatus Lindl~~?
Appendicula bifaria Lindl
Spiranthes australis Lindl
Goodyera procera Hook
Haemaria discolor Lindl
Glossaspis tentaculata Lindl
Habenaria lacertifera Benth
" Susannae Br
" galeandra Benth
Cypripedium purpuratum Lindl
Curculigo orchioides Roxb
Dioscorea oppositifolia Linn
" sativa "
Smilax glabra Roxb
" lanceaefolia Roxb

Smilax hypoglauca Benth
" ferox Wall
" Gaudichaudiana Kunth
Asparagus lucidus Lindl
Ophiopogon spicatus Ker
Dianella ensifolia Red
Scilla chinensis Benth
Lilium longiflorum Thunb
Monochoria vaginalis Presl
Commelyna Bengalensis Linn
Commelyna salicifolia Roxb
Floscopa paniculata Hassk?
Aneilema nudiflorum Br. var? rigidior
Pollia sorzogonensis Endl
Xyris pauciflora Willd
" schoenoides Mart
Philydrum lanuginosum Banks
Juncus Leschenaultii J. Gay
Eriocaulon australe Br
" Wallichianum Mart
" truncatum Ham.
" heteranthum Benth
" setaceum Linn
Cyperus vulgaris Sieb
" polystachyus Rottb
" compressus Linn
" Haspan "
" difformis "
" Iria "
" hexastachyus Rottb ~~L~~ Whampoa
" rotundus L.
" pilosus Vahl

Cyperus pennatus Lam
" distans Linn
" radians Nees
" nitens ~~Linn~~ Vahl
" angustifolius Nees Thompson
" umbellatus Benth
Kyllingia monocephala L
Lipocarpha argentea Br
Hypaelytrum latifolium Rich
Abildgaardia monostachya Vahl
" Eragrostis "
" fusca Nees
Fimbristylis schoenoides Vahl
~~" subspicata Nees~~
subbispicata Nees
" squarrosa Vahl
" aestivalis "
" miliacea "
~~" subbidactyla Steud~~
" diphylla Vahl
" " var: leptophylla tomentosa
" Wightiana Nees
" leptoclada Benth
" acuminata Vahl.
" nutans "
" complanata Link
Scirpus capitatus Willd
" afflatus Benth
" Chinensis Munro
Isolepis supina Br
" barbata "

Fuirena glomerata Lam
" umbellata Roth
Rhynchospora laxa Br
Wallichiana Kunth
Arthrostylis chinensis Benth
Gahnia tristis Nees
Lepidosperma Chinense Nees
Scleria pubescens ~~Steud~~
" chinensis Kunth
" sumatrensis Retz
Carex ligata Boott
" chinensis Retz
" cryptostachys Brongn
" pumila Thunb
" nexa Boott?
" Benghalensis Roxb
Alopecurus geniculatus Linn
Paspalum brevifolium Flügge
" scrobiculatum Linn
Eriochloa annulata Kunth
Panicum ciliare Retz
" sanguinale Linn
" villosum Lam
" ischaemoides Retz
montanum Roxb
sarmentosum "
Indicum L [illegible] colonum L ~~Kunth~~
Crus-galli Linn
glaucum Linn
Ichnanthus pallens Munro
Isachne ~~Br~~ australis Br
" Eragrostis Nees
Arundinella [illegible] Nepalensis Trin
" setosa Trin

Garnotia stricta Brongn
" patula Munro
Thysanolaena acarifera Nees
Perotis latifolia Ait
Imperata arundinacea Cyr
Eulalia Japonica Trin
Pogonatherum saccharoideum Beauv
Apocopis Wightii Munro
Apluda mutica Linn
Andropogon brevifolius Sw
" Zeylanicus Arn
" Martini Roxb
" montanus Roxb
Heteropogon hirtus Pers
Chrysopogon aciculatus Trin
Ischaemum ophiuroides Munro
" leersioides "
" barbatum Retz
Spodiopogon villosus Nees
Sporobolus Indicus Br
Aristida Chinensis Munro
Arundo Madagascariensis Kunth
Microchloa setacea Br
Dactyloctenium Aegyptiacum Willd
Eragrostis unioloides Nees
" Brownii "
" Zeylanica "
" orientalis Trin
" ciliosissima Link
" pilosa Beauv

Eragrostis plumosa Link
" geniculata Nees
Lophatherum gracile Brogn
Arundinaria Wightii Nees
Bambusa verticillata Willd
Psilotum triquetrum Sw
Lycopodium cernuum L
" involvens Sw
" atroviride Wall
" caudatum Desv
" flabellatum L.

Azolla pinnata Br
~~Osmunda Javanica Blum~~
~~Lygodium circinatum Sw~~
~~" Japonicum Sw~~
~~" scandens "~~
~~Gleichenia dichotoma Willd~~
~~" excelsa J.Sm~~
~~Acrostichum aureum L.~~
~~" repandum Blum~~
~~Drymoglossum carnosum Hook~~
~~Blechnum orientale L.~~
~~Woodwardia Japonica Sw~~
~~Lindsaea flabellulata Dryand~~
~~" ensifolia Swr~~
~~" heterophylla Dryand~~
~~Adiantum lunulatum Burm~~
~~" caudatum Hook~~
~~" flabellulatum L.~~

Polypodium [illegible]
Chrysodium repandum [illegible]
Blechnum orientale Linn
Woodwardia japonica Sz.
Drymoglossum carnosum Hook
Lindsaea flabellulata Dryand
Lindsaea ensifolia Sz.
Lindsaea heterophylla Dryand
Adiantum lunulatum Burm
Adiantum caudatum Linn.
Adiantum flabellulatum Linn
Cheilanthes tenuifolia Sz.
Pteris longifolia
Pteris [illegible] Sz.
Pteris semipinnata Linn
Pteris quadriaurita Retz.
Pteris serrulata Linn
Meniscium simplex Hook.
Meniscium triphyllum Sz.
Asplenium Nidus Linn.
Asplenium macrophyllum Sz.
Asplenium cuneatum Lam.
Asplenium fraxinifolium Wall
Brainea insignis Hook.
Gymnogramme decurrens Hook.
Nothochlaena sulcata Link.
Polypodium adnascens Sz.
Polypodium Lingua Sz.
Polypodium phymatodes Linn.
Aspidium subtriphyllum Hook

[illegible] var.

Aspidium [illegible] Hook.

Aspidium [illegible]

Aspidium molle Sw.

[illegible]

" " var hirsuta Hett

Nephrolepis tuberosa Presl.

Nephrolepis hirsutula Presl.

Davallia pedata Sw.

Davallia griffithiana Hook.

Davallia polypodioides D.

Davallia tenuifolia Sw.

" " var.

Cibotium glaucescens Kunze

Gleichenia excelsa J. Smith

Gleichenia dichotoma Hook.

Trichomanes parvulum Poir

Trichomanes intramarginale Hook. & Grev.

Lygodium scandens Sw.

Lygodium japonicum Sw.

Lygodium circinatum Sw.

Osmunda javanica Blume

Ranunculaceæ.

256.

+ Clematis Meyeniana, Walp. Rep. 5, p. 3; Hook. Journ. Bot. & Kew Gard. Misc.; Seem. Bot. Herald, p. 351. C. oreophila, Hance in Walp. Ann. 2. p. 3

Apparently quite variable in the length & density of its panicles of flowers and in the size & shape of its leaves some of which are quinate

+ Clematis parvuloba, Gardn. & Champ. Hook. Journ. Bot. Kew Gard. Misc. 1, p. 241; Walp. Ann. 2, p. 3. In ravines climbing to the height of 6-8 feet

Dilleniaceae.

+ Delima sarmentosa, Linn.; DC. Prodr. 1, p. 69; Hook. & Arn. Bot. Beechey, p. 166; Seem. Bot. Herald, p. 361; Hook. Journ. Bot. & Kew Gard. Misc. 3, p. 256. Common in ravines. Flowers white.

Magnoliaceae.

* Michelia Champaca, Linn.; DC. Prodr. 1, p. 79. A small specimen only was procured from a conservatory.

A single branch with one flower of a species of Michelia was procured from a sparingly branched bush 4–6' high growing in ravines, of which the following description may serve to direct to the attention of any subsequent collector. ‡

Glabra; foliis ~~ellipticis~~ oblanceolatis

= Magnolia Championi

Schizandraceae

× Kadsura Roxburghiana? Arn.; Hook. & Thomp. Fl. Ind. 1, p. 83. K. japonica? Seem. Bot. Herald, p. 362; Benth. Fl. Hongk. in Hook. Journ. Bot. & Kew Gard. Misc. 3, p. 138. Hongkong, in dense thickets, scandent supported by small trees or bushes & attaining 10-15 feet in height. Stem an inch thick. Flowers crimson

Our specimens, in considerable number were collected by different persons, at different dates, & in different localities; but, being all staminate, afford insufficient data for satisfactory determination. That they do not belong to K. japonica is very evident on a simple comparison of the stamineal column of each; & that they are what has been considered as that species, may reasonably be inferred from the fact that no specimens referable to it were found, while the specimens of this are so numerous.

~~The outer sepals very unequal in size & shape & having gradually into the petals~~ Sepals roundish unequal; outer petals oblong, two or three inner linear or narrow-lanceolate. Stamineal column conical at base, filaments about 12-15, free ~~about 12-15~~ above & spreading (anthers short) central ~~prolonged~~ united & stigmatose & prolonged nearly to the tips of the petals, sometimes sending off a barren branch, flattened in the dry state, probably terete when fresh. The leaves are all quite entire

Anonaceæ

+*Anona squamosa*, Linn.; DC. Prodr. 1, p. 85. Whampoa, cultivated.

+*Unona discolor*, Vahl.; DC. Prodr. 1, p. 91; Benth. in Hook. Journ. of Bot. & Kew Gar. Misc. 3, p. 256; Hook. & Arn. Bot. Beechey, p. 166; Seem. Bot. Her. p. 362. A climbing sparingly branched shrub. Flowers yellow, petals red at base along the nerves.

+*Uvaria microcarpa*. Champ. in Hook. Journ. Bot. & Kew Gard. Misc. 3, p. 256; Seem. Bot. Herald, p. 361. U. badiiflora, Hance, in Walp. Ann. 2, p. 17. A common low shrub. Flowers ochraceous red.

The carpels have often as many as four seeds

Menispermaceæ.

× Limacia cuspidata, H.f. & T. Fl. Ind. 1, p. 187; Seem. Bot. Her. p. 362; Walp. Ann. 4, p. 127. Cocculus cuspidatus, Wall. ~~Cat.~~ Hypserpa cuspidata, Miers ~~in Ann. Nat. Hist. ser. 2, 7, p. 40~~ Flowers yellowish green. Plant 6-8 ft high, subscandent or erect with branching. Drupe (dry) 1/4 inch in diameter.

× Cocculus macrocarpus, W. & A. Prodr. 1, p. 13; H.f. & T. Fl. Ind. 1, p. 191; Walp. Ann. 4, p. 127; Seem. l. c. In mountain ravines.
A large climbing vine, the long racemes of yellowish flowers (staminate) issuing from the stem & main branches.

× Cocculus villosus, DC. Syst. 1, p. 525; & Prodr. 1, p. 98; H.f. & T. Fl. Ind. 1, p. 193; W. & A. Prodr. Fl. Ind. 1, p. 13. Hillsides, Lamma Island. Flowers greenish.

× Pericampylus incanus, Miers; Hook. f. & T. Fl. Ind. 1, p. 194; Walp. Rep. 1, p. 94. Climbing 6-10 ft high on bushes in shady ravines. Panicle purplish green.

Stephania hernandifolia, Walp. Rep. 1, p. 96; H. f. & T. Fl. Ind. 1. p. 196. Cissampelos hernandifolia, DC. Syst. 1, p. 533; Prodr. 1, p. 100; W. & A. Prodr. ~~Fl. Ind. 1, p. 14~~ Clypea hernandifolia W. & A. Prodr. Fl. Ind. 1. p. 14.

Cyclea deltoidea, Miers in Hook. Journ. Bot. & Kew Gard. Misc. 3, p. 258; Seem. Bot. Her. l. c.; Walp. Ann. 4, p. 132. Scandent in shady thickets. Flowers greenish.

Stauntonia chinensis, DC. Syst. 1, p. 514; & Prodr. 1, p. 96; Seem. Bot. Herald, p. 362; Kew Journ. Bot. 3, p. 258. Mountain sides. A feeble trailing plant. Flowers white.

The pistillate plant seems not yet to have been discovered

Nelumbiaceae

x Nelumbium speciosum, Willd.; H.f. & Th. Fl. Ind. 1. p. 248; W. & Arn. Prod. Fl. Ind. 1 p. 16; Seem. Bot. Herald. p. 363. Along river banks at Whampoa.

Papaveraceae.

Argemone Mexicana, Linn.; Seem. Bot. Herald, p. 363; Hook. f. ~~Fl.~~ & Th. Fl. Ind. 1, p. 251; W. & Arn. Prodr. Fl. Ind. 1, p. 18; DC. Prodr. 1, p. 120; A weed — introduced.

Cruciferae.

~~Nasturtium Madagascariense, DC. Prodr. 1, p. 138; W. & Arn. Prod. Fl. Pen. 1, p. 19. On river banks at Whampoa~~

*Cardamine hirsuta, Linn.; DC. Prodr. 1, p. 152; New Journ. Bot. 3, p. 257; Seem. l.c. In cultivated grounds

*Nasturtium Indicum, DC. Syst. 2, p. 199 & Prodr. 1, p. 139? On river banks at Whampoa.

Capparideæ.

×Polanisia viscosa, DC. Prodr. 1, p. 242; Seem. Bot. Herald, p. 363; Walp. Rep. 1, p. 195. P. icosandra, W. & A. Prodr. Fl. Ind. 1, p. 22. Specimens presented by Dr. Hance.

×Capparis membranacea, Gard. & Champ. in Kew Journ. Bot. 1, p. 241 & 3, p. 259; Seem. l. c.; Walp. Ann. 2, p. 60. ~~A slender sparingly bran~~

A slender sparingly branched shrub. Flowers white.

Bixaceæ.

*Scolopia Clos

~~Phoberos~~ Chinensis, ~~Lour.~~ Fl. Cochin. p. 389; Kew Journ. Bot. 3. p. 260; Seem. Bot. Herald, p. 365. Wooded hills. A branching bush 8-10 feet high. Berries red.

Casearia glomerata, Roxb.? (ex Bentham) DC. Prodr. 1, p. 49.

A tall erect branching bush. 6-10 feet high

Violaceæ.

x Viola Patrinii, DC. Prodr. 1, p. 293; Ledeb. Fl. Ross. 1, p. 245; Benth. in Lond. Jour. Bot. 1, p. 482; Seemann, l. c.

The specimens are small and glabrous, like those of kinds described by Bentham, and agreeing with De Candolle's var. Chinensis, except that the lateral petals are moderately bearded.

x Viola diffusa, Ging.; DC. Prodr. 1, p. 298. Viola tenuis, Benth. in Lond. Journ. Bot. 1, p. 482 & Kew Gard. Misc. 3, p. 260. Hong Kong & Patoy Island.

V. tenuis, Benth described in the first instance as "estolonosa"; subsequently saw to have a great tendency to become stoloniferous. Our specimens are abundantly stoloniferous

" Viola sylvatica (Fries, Fl. Hall. & Mant.); var. imberbis, micrantha. Vide Coll. Jap. p. . Ousima. Loo Choo Islands.

Violacea.

+Viola Patrinii, DC. Prodr. 1, p. 293; Ledeb. Fl. Ross. 1, p. 245; Benth. in Lond. Jour. Bot. 1, p. 482; Seemann, l. c.

The specimens are small and glabrous, like those of Hinds described by Bentham, and agreeing with De Candolle's var. Chinensis, except that the lateral petals are moderately bearded.

Viola tenuis, Benth. in Lond. J Bot. l. c. & in Kew Jour. Bot. 3, p. 260. Putoy Island.

Described in the first instance a 'estolonosa', this species is subsequently said to have "a great tendency to become stoloniferous." Our specimens are abundantly stoloniferous.

Viola sylvatica (Fries, Fl. Hall. & Mant.); var. imberbis, micrantha, vide Coll. Jap. p. . Ousima. Loo-Choo Islands.

Some of our specimens are fully a foot & a half in height, with several stems from the rootstock. The leaves are very variable in shape & size: on thrifty branches being linear lanceolate: sometimes two inches long, while they are remarkably smooth and without distinct veins or reticulations. The Racemes are terminal. A few smaller specimens have axillary racemes & veined & reticulated leaves. The seeds in both are very hairy & the caruncle has three white wings, two toward the axis & one towards the margin.

Pittosporaceæ.

Pittosporum glabratum, Lindl. Journ. Hortcult. ~~and Kew Journ. Bot. 3, p. 262.~~ Soc. Sect. 1, p. 230, adn.; N Walp. Ann. 4, p. 77.
Mountain sides. "A shrub 3—7 feet high. Flowers white fading to light yellow Dodson."
(Benth. in Kew. Journ. Bot. 3, p. 262

Stellaria aquatica Scop

Malachium aquaticum. Fries, Fl. Halland. p. 77; Ledeb. Fl. Ross. 1. p. 416. Cerastium petiolare, Hance in Kew. ~~Bot.~~ Jour. Bot. ~~Misc.~~ 1. p. 143. Stellaria foecunda. Hance in Walp. Ann. Bot. 2. p. 95. Stellaria media, Seem. Bot. Herald. p. 364. quoad syn.

In fields.

The fact that Hance first described his plant as a Cerastium should have warned Seemann against considering it the Stellaria media without scrutiny. The plant in the present collection, and doubtless that of Hance, is Malachium aquaticum, which was also gathered in Japan and the Loo Choo Islands.

Drymaria cordata, Willd.; DC. Prodr. 1, p. 395; Margin of rivulets.

Caryophyllaceæ.

× Drymaria cordata, Willd.; DC. Prodr. 1, p. 395. Margin of rivulets.

× Mollugo stricta, Linn.; DC. Prodr. 1, p. 391; Walp. Rep. 2, p. 241. Whampoa, in rice-fields.

× Polycarpaea corymbosa, Lam.; DC. Prodr. 3, p. 374; W. & A. Prodr. Fl. Pen. Ind. 1, p. 358. Happy Valley, Hong-Kong; also on the sea beach at Cum-sing-moon. Flowers purplish or deep orange.

× Tetragonia expansa, Ait.; DC. Prodr. 3, p. 452; Hook. & Arn. Bot. Beechey, p. 189. Damp ground, Tyber Island.

× Stellaria uliginosa, Murr.; Seem. Bot. Herald, p. 364; St. leptophylla, Hance, in Walp. Ann. 2, p. 96. Wet fields.

Stellaria media, Smith; DC. Prodr. 1, p. 396; Seem. l.c. St. foecunda, & ~~Cerastium~~ Hance, in Walp. Ann. 2, p. 95; & Cerastium petiolare, Hance in Kew Gard. Misc. 1, p. 143. In fields.

Hypericaceæ

✓ Hypericum Japonicum, Thunb.; DC. Prodr. 1, p. 549; Benth. in Kew Gard. Misc. 3, p. 311; Seem. Bot. Herald, p. 368; Miq. Fl. Ind. 1, p. 99.
In rice-fields. Flowers yellow.

✓ Cratoxylon polyanthum Korth.
~~Ancistrolobus ligustrinus~~, Spach; Walp. Rep. 1, p. 391. Elodea Chinensis, Hance in Hook. Journ. Bot. 7, p. 472. Flowers red. A low bush. Putoy Island.

Clusiaceæ

× Garcinia multiflora, Champ. in Kew Gard. Misc. 3, p. 310; Seem. Bot. Herald, p. 368, t. 77; Walp. Ann. 4, p. 365. A large bush 8-12 feet high. Flowers greenish yellow

× Garcinia oblongifolia, Champ. in Kew Gard. Misc. 3, p. 311; Seem. l.c. A bush 5-8 feet high. Flowers light yellow.

× Calophyllum membranaceum, Gardn. & Champ. in Kew Gard. Misc. 1, p. 309; Seem. l.c.; Walp. Ann. 2, p. 191. A bush 2-5 feet high. Flowers white.

Camellia?

+ Saurauja tristyla, DC. Prodr. 1, p. 526
Seem. Bot. Herald. p. 368. In densely shaded ravines.

Ternstroemiaceæ.

× Eurya Chinensis, R. Br. in Abel's Voy. App. p. 379; Seem. Bot. Herald, p. 366; Benth. in Kew Journ. Bot. 3, p. 307. E. Japonica, Champ. Trans. Lin. Soc. 21, p. 113.

Our specimens are all in fruit, but they agree minutely with Japan specimens ~~collected in Japan by Williams & Morrow in the form, size, dentation & colour of the leaves.~~ except that the style is longer and slender.

× Eurya Macartneyi, Champ. in Trans. Lin. Soc. 21, p. 113; Seem. l.c.; Benth. l.c.

Either these two Hong Kong species are distinct from each other or nearly the whole of the Asiatic sp. are forms of E. Japonica. Benth.

Ternstroemia Japonica, Thunb.; Seem. l.c.; × ~~Cleyera fragrans,~~ Ternstroemia Japonica Thunb. Champ. in Lin. Trans. 21, p. 115; ~~Hook. & Arn. Bot. Beechey p.~~ Benth. l.c.

Ixionanthes Chinensis, Champ. in Lin. Trans. ~~21~~ l.c.; Seem. l.c.; Benth. Kew Gard. Misc. 3, p. 308.
Emmenanthes Chinensis Hook. & Arn. Bot. Beech. p. 217.

× Polyspora axillaris, Sweet; Seem. Bot. Herald, p. 367; Benth. in Kew Gard. Misc. p. 309; Hook. Journ. Bot. 1, p. 482.
Gordonia axillaris, Champ. in Linn. Trans. 21, p. 366

Ternstroemiaceae.

Eurya Japonica, Thunb.; DC. Prodr. 1, Champ. Trans. Lin. Soc. 21, p. 113. ~~E. chinensis R. Br. in Abel's Voy. App. p. 379; Seem. Bot. H. p. 366; Benth. in Kew Gard. Misc. 3, p. 307.~~

Our specimens are all in fruit, but they agree minutely with Japan specimens ~~collected in Japan by Williams & Morrow in the form, size, dentation & color of the leaves.~~ except that the style is longer and slender.

x Eurya Macartneyi; Champ. in Trans. Lin. Soc. 21, p. 113; Seem. l.c.; Benth. l.c.
[illegible] E. Ind.

Either these two Hong Kong species are distinct from each other or nearly the whole of the Asiatic sp. are forms of E. Japonica. Benth.

Ternstroemia Japonica, Thunb.; Seem. l.c.;
x Ternstroemia Japonica Thunb.
~~Cleyera fragrans~~, ~~Champ.~~ in Lin. Trans. 21, p. 115;
~~Hook. & Arn. Bot. Beechey, p.~~ Benth. l.c.

Ixionanthes Chinensis, Champ. in Lin. Trans. ~~21~~ l.c.; Seem. l.c.; Benth. Kew Gard. Misc. 3, p. 308.
Emmenanthes Chinensis Hook. & Arn. Bot. Beech. p. 217.

x Polyspora axillaris, Sweet; Seem. Bot. Herald, p. 367; Benth. in Kew Gard. Misc. p. 309; Hook. Journ. Bot. 1, p. 432.
Gordonia axillaris, Champ. in Linn. Trans. 21, p. 366

Camellia axillaris, DC. Prodr. 1, p. 529.

x ~~Pentaphylax euryoides~~, Gardn. & Champ. (Seem. l.c.;) ~~in Hook. Journ. Bot. vol. 8, p. 244~~ Kew. Gard. Misc. 1, ~~3~~ p. 245 & Linn. Trans. 21, p. 114; Benth. in Kew. Gard. Misc. 3, p. 309. Flowers white.

x Camellia ~~japonica~~ Hongkongensis, Seem, Linn.; DC. Prodr. 1, p. 529; Seem. l.c.; Benth. l.c.

x ~~Camellia spectabilis~~, Champ. Linn. Trans. 21. p. 111, & Kew Gard. Misc. 3, p. 310; Seem. l.c.; Walp. Ann. 4, p. 351

Though the calyx is said to remain persistent on the fruit not one of our numerous specimens retains it.

x Camellia assimilis, Champ. Linn. Trans. 21, p. 112; Benth. in Kew Gard. Misc. 3, p. 309; Seem. l.c.; Walp. l.c. fl. small.

x Camellia salicifolia, Champ. in Kew. Gard. Misc. 3, p. 309 & Linn Trans. 21, p. 112; Seem. l.c.; Walp. l.c.

x Camellia intermedia nov. sp., ex. [illegible]

Malvaceæ.

+ Urena lobata, Linn.; DC. Prodr. 1, p. 441; Seem. Bot. Herald, p. 365; Flower purple.

Hibiscus tiliaceus Linn
~~Paritium tiliaceum~~, Adr. Juss.; W. & A. Fl. Ind. 1, p. 52; Seem. l.c. Hibiscus tiliaceus, DC. Prodr. 1 p. 454; Hook. & Arn. Bot. Beechey, p. 168. Tyber Island near Macao.

+ Sida rhombifolia, Linn.; DC. Prodr. 1, p. 462; Seem. l.c.; Hook. & Arn. Bot. Beechey, p. 169.+ Tam Tong Island. "[illegible] rhombifolia, [illegible]?" [illegible]

+ Sida cordifolia, Linn.; DC. Prodr. 1, p. 464 Seem. l.c.; W. & A. Fl. Ind. 1, p. 58. Cum-sing-moon.

+ Sida humilis, Willd.; DC. Prodr. 1, p. 465; W. & A. Fl. Ind. 1, p. 59; Seem. l.c. Roadsides.

+ Abelmoschus moschatus, Moench; W. & A. Fl. Ind. 1, p. 53; Hibiscus Abelmoschus, DC. Prodr. 1, p. 452. [illegible]

[illegible] first [illegible] [illegible] by [illegible]

~~Tiliaceae~~

Sterculiaceae

*Helicteres angustifolia, Linn.; DC. Prodr. 1, p. 476; Hook. & Arn. Bot. Beechey, p. 169; Seem. Bot. Herald, p. 365.

There are two pretty well marked forms in the collection; one with obtuse, abruptly acuminated & leaves ~~with a short acumination~~ and a few irregular minute teeth at the apex; the other ~~with~~ having them entire, narrowly acute and more distant ~~teeth~~

*Sterculia lanceolata, Cav.; DC. Prodr. 1, p. 481; Seem. l.c.; Hook. & Arn. l.c.; Benth. in Kew Gard. Misc. 3, p. 263. A shrub 6-10 feet high. Flowers greenish purple.

*Reevesia thyrsoidea, Lindl.; Seem. l.c.; Benth. l.c.; Hook. & Arn. l.c. Flowers white. A shrub 6-15 feet high.

Byttneriaceæ

+ Byttneria aspera, Colebr. Seem. l. c.; Hook. & Arn. Bot. Beechey, p. 176; Benth. in Kew Journ. Misc. 3, p. 263.

+ Waltheria Indica, Linn. W. & A. Fl. Ind. 1, p. 67; DC. Prodr. 1, p. 493. Flowers yellow.

Tiliaceæ

† Corchorus acutangulus, Lam.; W. & A. Fl. Ind. 1, p. 73; DC. Prodr. 1, p. 505; Seem. Bot. Herald, p. 366; Benth. in Kew Gard. Misc. ~~XV~~ 3, p. 263.

+ Triumfetta angulata, Lam.; DC. Prodr. 1, p. 507; Seem. l.c.; Benth. l.c. Putoy Island.

+ Triumfetta pilosa, Roth; DC. Prodr. 1, p. 506; W. & A. Fl. Ind. 1, p. 74. Lemma & Sam-Tong Islands.

Grewia Microcos, Linn.; DC. Prodr. 1, p. 510 W. & A. Fl. Ind. 1, p. 81; Seem. Bot. Herald, p. 366, Hook. & Arn. Bot. Beechey, p. 170. Abundant at Hong Kong;— also on Tybee Island.

+ Grewia ~~parviflora~~ glabrescens ~~Bunge, var~~ glabrescens; Walp. Rep. 1, p. 360.

Specimen communicated by Dr. Hance.

+Elaeocarpus lanceaefolius, Roxb.?; Wight Ic. 1, t. 65. E. serratus, Benth., Kew Journ. Bot. 3, p. 263.

Our specimens show only occasional glands in the axils of the nerves, and none in their subdivisions.

+Elaeocarpus Chinensis, Hook. f.
~~Friesia~~ Chinensis, Gardn. & Champ. in Kew Gard. Misc. 1, p. 243; Benth. l.c.; Seem. l.c. A slender bush 10–15 feet high. Flowers staminate greenish or white. The pretty well-grown fruit is one-seeded.

Elaeocarpus serratus, Linn; DC. P
1, p. 519; Seem. l.c.; Benth. in Kew. Gard. M
3. p. 263; W & A. Fl. Ind. 1, p. 82.

Our specimens show only occasional glands in the axils of the nerves, and none in their subdivisions.

Elaeocarpus Chinensis, Hook. f.
~~Friesia~~ Chinensis, Gardn. & Champ. in Kew Gard. Misc. 1, p. 243; Benth. l.c.; Seem. l.c. A slender bush 10-15 feet high. Flowers staminate greenish or white. The pretty well-grown fruit is one-seeded.

Polygalaceæ.

+ Salomonia Cantoniensis, Lour. Fl. Coch. 1. p. 18; Seem. Bot. Herald, p. 364; DC. Prodr. 1. p. 334; Benth. in Hook. Journ. Bot. & Kew Gard. Misc. 3. p. 261.
On mountain sides among grass & ferns. Flowers purple

The roots taste and smell like P. paucifolia (wintergreen) or black birch bark

+ Polygala arillata, Ham.; W. & A. Prodr. Fl. Pen. 1. p. 37; Seem. l.c.; Benth. l.c.; Walp. Ann. 1. p. 233.
Calycine wings greenish yellow—petals yellow. f. small

The pendulous racemes with partly well grown scattering fruit below and flowers & buds at tip are nearly a foot in length.

+ Polygala glomerata, Lour.; DC. Prodr. 1. p. 326; Seem. l.c.; Benth. l.c. Mountain sides, in dense thickets. Flowers light green or purplish green.

+ Polygala elegans, Wall. ex Benth.; Walp. Rep. 1. p. 234. P. Loureiri, Gardn. & Champ. in Kew Journ. Bot. 4. p. 242; Seem. l.c.; Walp. Ann. 2. p. 81.
Summit of mountains among tall grass & ferns. Flowers greenish purple.

Polygalaceæ.

+ Salomonia Cantoniensis, Lour. Fl. Coch. 1. p. 18; Seem. Bot. Herald. p. 364; DC. Prodr. 1. p. 334; Benth. in Hook. Journ. Bot. & Kew Gard. Misc. 3. p. 261.
On mountain sides among grass & ferns. Flowers purple

The roots taste and smell like P. paucifolia (wintergreen) or black birch bark

+ Polygala arillata, Ham.; W. & A. Prodr. Fl. Pen. 1. p. 37; Seem. l. c.; Benth. l. c.; Walp. Ann. 1. p. 233.
Calycine wings greenish yellow—petals yellow. J. Small

The pendulous racemes with pretty well grown scattering fruit below and flowers & buds at tips are nearly a foot in length.

+ Polygala glomerata, Lour.; DC. Prodr. 1. p. 326; Seem. l. c.; Benth. l. c. Mountain sides, in dense thickets. Flowers light green or purplish green.

Polygala Loureirii, Gardn. & Champ. in Hook. Journ. Bot. 1. p. 242; Seem. l. c.; Walp. Ann. 2
Summit of mountains among tall grass & ferns.
Flowers greenish purple.

Sapindaceæ

×Nephelium Litchi, Camb.; Sem. Bot. Herald, p. 369; Kew Gard. Misc. 3, p. 312. Euphoria Litchi DC. Prodr. 1, p. 611. A small widely spreading tree.

Aceraceæ

+Acer reticulatum, Champ. in Kew Gard. Misc. 1, p. 312; Seem., Bot. Herald, p. 368, t. 80. A much branched bush 4-10 feet high.

+Acer oblongum, Wall.; DC. Prodr. 1, p. 593; Walp. Rep. 1, p. 410. A sparingly branched shrub 4-8 feet high. [illegible] [illegible] DM

1 fig. 24

Aurantiaceæ.

Glycosmis citrifolia, Lindl.; Seem. Bot. Herald, p. 369; Benth in Kew Gard. Misc. 3, p. 326. Limonia citrifolia, DC. Prodr. 1, p. 536
A sparingly branched bush 4-5 feet high; Flowers white—berries, pale red.

Atalantia Sclerostylis buxifolia, Oliv ~~Benth~~, in Kew Gard. Misc. 3, p. 326; Seem Bot. Herald, p. 369, t. 81; Walp. Ann. 4, p. 355. A low straggling bush. Flowers white—berries purple.

Atalantia ~~Sclerostylis~~ Hindsii, Oliv ~~Champ.~~; Benth. in Kew Gard. Misc. 3, p. 328; Seem. Bot. Herald, p. 317, t. 82; Walp. Ann. 4, p. 355.

A branching bush 3-5 feet high. Flowers white—berries orange

Vitaceæ

Vitis Carnosa, Roxb.; W. & A. Pr., 1, p. 131; Walp. Rep. 1, 444. A low climbing vine.

Cissus parvifolia. Vitis parvifolia, Seem., Bot. Herald, p. 376. Hong Kong & Tam Tong Island.

Apparently common. We have not access to Roxburgh's work & can find no detailed description in any other, ~~work~~ as it is ~~in~~ neither in Walp. Rep. nor Seem. If our plants are identical with Roxburgh's, subsequent collectors seem not to have observed the lower leaves which are trifoliolate the lateral ones very inequilateral, truncate at base; intermediate ones sometimes deeply 3 lobed and all abundantly furnished with short pellucid lines. The petals are also dotted at the top. ~~& the petals dotted at the top~~ The parts of the flowers are in fours, but the style is ~~quite~~ fully as long as the ovary. Young shoots of the staminate plant are floccose pubescent & the racemes are shorter or not much longer than the leaves.

Cissus Cantoniensis, Hook. & Arn., Bot. Beechey, p. 175; Walp. Rep. 1, p. 437. Cissus diversifolia Walp. Pl. Meyen, p. 314. Vitis Cantoniensis, Seem. l.c. Climbing among rocks. Flowers whitish.

The ~~larger~~ form with larger (1-3 inches long) leaflets is the C. diversifolia, Walp. and is without cirrhi; while the small-leafed form, C. Cantoniensis;

Hook. & Arn. exhibits them. The leaves are more or less glaucous beneath, with minute glandulae to the serratures, or the smaller ones entire. ~~The filaments~~ The calyx is very short, without teeth. Petals & stamens 5. Filaments stout, subulate, but little longer than the cordate oval anther. Disk small. Style as long as the ovary.

Cissus angustifolia, Roxb.; DC. Prodr. 1, p. 631. Vitis angustifolia, Wight, Ic. 1. t. 176.

Climbing 4-5 feet high among bushes. Flowers light green. Our specimens agree well with the figure above quoted. The petals have, near their apex, a rather stout spreading spur about half their own length. Stigmas four, quite distinct. Style as long as the ovary, or longer. Cymes pubescent.

Cissus pentaphylla? Willd.; DC. Prodr. 1, p. 631.

The specimens are rather poor, having fallen to pieces badly. The leaves are in fives, tapering to both ends, the terminal ~~one~~ fully twice (2 inches, or more) as long as the lateral ones; all with remote shallow ~~teeth~~ rather ~~salient~~ salient ~~serratures~~ teeth. Petals with a slender spreading appendage near the apex fully half their length. Disk deep. Style slender, as long as the ovary. Stigma capitate.

Olacaceae

Schoepfia Chinensis, Champ. in Kew Gard. Misc. 1, p. 309; Seem. Bot. Herald, p. 370; Walp. Ann. 2, p. 181.

A bush 3-5 feet high. Flowers light red externally— segments light green within.

Cansjera lanceolata, Benth. in Hook. ~~Lon.~~ Journ. Bot. 1, p. 491; & Kew Gard. Misc. 3, p. 328; Seem. Bot. Herald, p. 370; Walp. Rep. 5, p. 137. ~~&~~

A feeble slender bush, with green bark & short spine like branches towards the base. This species seems to have been overlooked by Meisner, as it is not enumerated in the 14th volume of the Prodromus under the genus, nor is there any reference to it.

Oxalidaceae.

Oxalis corniculata, Linn.; DC. Prodr. 1, p. 692; Seem. Bot. Herald, p. 364 F. Tyber Island, in crevices of rocks; also at Hong Kong.

Another species of oxalis, acaulescent, with bulbous root & purple flowers, was obtained, but evidently introduced, & specimens of Averrhoa Carambola were procured from gardens.

~~Oxalis corymbosa, DC. Prodr. 1, p. 696. Flowers purple. Escaped from gardens.~~

Oxalis Martiana, Zucc.; Walp. Rep. 1, p. 481.
Flowers purple. Escaped from garden.

~~Violaceae.~~

~~Viola cucullata.~~

Staphyleaceae

Turpinia arguta, Seem. Bot Herald, p. 371. ~~Ochranthe~~, Staphylea simplicifolia, Gardn. & Champ. in Kew Journ. Bot. 1, p. 309. Eyrea vernalis, Champ. in Kew Journ. Bot. 3, p. 331.* A branching shrub 3-5 feet high. Calyx purple; petals pale pink or white

Turpinia Nepalensis, Wall. Wight et Arn. Prodr. Fl. Pen. 1, p. 156; Wight, Ic. t. 972; Seem. l.c. A branching shrub 3-5 feet high. Flowers white.

*"Ochranthe, Lindl. scarcely distinguishable from T. insignis from America" Benth.

Xanthoxylaceae.

Xanthoxylum nitidum, DC. Prodr. 1, p. 727; Benth. in Kew Gard. Misc. 3, p. 329; Seem. Bot. Herald, p. 370. Rocky ravines, Victory Island; also at Hong Kong.

Xanthoxylum cuspidatum, Champ. in Kew Gard. Misc. 3, p. 329; Seem. l.c. A feeble assurgent shrub 3-6 feet long. Flowers greenish red; filaments light green, anthers yellow.

The leaves & flowers turn to a light brown color, and the former sheds the leaflets readily. The pellucid glands in the crenatures of the margin are very numerous & small. The flowers have but four stamens.

Xanthoxylum

A small spreading bush 4-8 feet high. Stem & petioles aculeate: Leaflets 5-7 ovate, 2-3 in. long, obtuse & sometimes inequilateral at base on very short petiolules long & rather abruptly acuminate obtuse emarginate strongly veined beneath remotely, 5-8 on each side, denticulate with a large pellucid gland at each sinus. Flowers (staminate) in dense axillary panicles: Sepals broad

Petals broad & short; Stamens twice as long as the petals. Ovaries distinct. Carpels rugose. This species retains its leaves which remain of a green color. The flowers do not become black in drying but are light brown.

Xanthoxylon avicennia, DC. Prodr. 1, p. 726; Seem. l.c.

A large branching bush 4-6 feet high. Some of our specimens have as many as eight pair of leaflets.

Evodia Lunu-ankenda Benth

~~triphylla, Benn. Juss.~~ Xanthoxylaceæ p. 123

~~Xanthoxylum pteleaefolium~~, Champ. in Kew Journ. Misc. 3, p. 330. ~~Seem. l.c.~~ Evodia triphylla? DC. Prodr. 1, p. 724. A sparingly branched shrub 4-6 feet high. Flowers white or greenish white.

Toddalia floribunda, Wall. Pl. As. Rar. vol. 3, p. 17, t. 232; Benth in Kew Journ. Misc. 3, p. 331; Seem. l.c.; ~~Hook~~ A branching bush 4-8 feet high. Flowers (pistillate) greenish.

Cyminosma resinosa, DC. Prodr. 1. p. 722; Seem. l.c.; Benth. l.c. Shrub erect 3-5 feet high, branching, Flowers white.

Simarubaceæ

Brucea Sumatrana, Roxb. Planch. in Lond. Journ. Bot. 5, p. 575; Benth. in Kew ~~Journ.~~ Gard. Misc. 3, p. 331; Seem. Bot. Herald, p. 376, Hook. & Arn. Bot. Beechey, p. 175. A bush 4-5 feet high. Flowers greenish. Anthers red.

Hippocrateaceae.

Hippocratea obtusifolia, Roxb.; Wight's Ann. Fl. Ind. 1, p. 104; Seem. Bot. ~~Bo~~ Herald, p. 371; Benth. in Kew Gard. Misc. 3, p. 332. A small sparingly branched shrub 2–3 feet high.

Celastraceae

Celastrus Hindsii, Benth. in Kew Gard. Misc. 3, p. 334; Seem. Bot. Herald, p. 371. Catha monosperma, Benth. in Linn. Journ. Bot. 1, p. 483. Tyler Island & Hong Kong. Subscandent 3-5 feet high. Flowers (staminate) white.

Celastrus Championi. Benth. in Kew Gard. Misc. 3, p. 334; Seem. l.c. Catha Benthamii, Gardn. & Champ. in Kew Gard. Misc. 1, p. 310. Climbing on bushes to the height of 6-10 feet. Flowers white.

Euonymus hederaceus Champ. in Kew Gard. Misc. 3, p. 333; Seem. l.c. Erect, 3-4 feet high, branching. Flowers yellowish green.

Euonymus laxiflorus, Champ. in Kew Gard. Misc. 3, p. 333; Seem. l.c. A branching ~~shrub~~ bush 4-6 feet high. Flowers dark red. Capsule obconic with broadly winged angles.

Euonymus longifolius, Champ. l.c.; Seem. l.c. Capsules light orange. J. Small.

Euonymus nitidus, Benth. in Linn. Journ. Bot. 1, p. 483; Seem. l.c. A widely branching bush 6-10 feet high. Flowers green.

Aquifoliaceæ.

Walp. Ann. 4, p. ~~77~~ 429.

Ilex graciliflora, Champ. in Kew Gard. Misc. 4, p. 328; Seem. Bot. Herald, p. ~~77~~ 372; * A slender tree 10–18 feet high; flowers white or pale purple.

Ilex memecylifolia, Champ. in Kew Gard. Misc. 4, p. 328; Seem. l.c.; Walp. Ann. 4, p. 430 A branching bush 2–4 feet high. Flowers white tipped with pink.

Ilex viridis, Champ. in Kew Gard. Misc. 4, p. 329; Seem. l.c.; Walp. l.c. A bush 3-5 feet high. Flowers light purple.

Ilex asprella, Champ. l.c.; Seem. l.c.; ~~Walp.~~ Prinos asprellus, Hook. & Arn. Bot. Beechey, p. 176, t. 36. A slender bush 3-5 feet high. Flowers white.

Ilex pubescens, Hook. & Arn. Bot. Beechey, p. 176, t. 35; Seem. l.c.; Benth. in Kew Gard. Misc. 4, p. 330; Walp. Rep. 1, 150. A branching bush ten feet or more in height. Flowers purple.

Ilex ———

~~Foliis ovalibus acuminatis integerrimis in basin subinaequaliter attenuatis obtusiusve, petiolis longiusculis, Paniculis axillaribus folii longitudine longe pedunculatis corymbiformibus ramis angulatis inferne pilosis. Calyce 5-fido sub-[illegible] laciniis obtusis ciliatis. Bacca pisi magnitudine subovata depresso-globosa. Pyrenis osseis late lignoso alatis~~

Rhamnaceae

Ventilago Maderaspatana, Gaertn.; Wight & Arn. Fl. Prod. 1, p. 164; Seem. Bot. Herald, p. 372; Benth. in Kew Gard. Misc. 4, p. 42; DC. Prodr. 2, p. 38. In thickets subscandent 6-11 feet high.

Berchemia lineata, DC. Prodr. 2. p. 23; Benth. l.c.; Seem. l.c.; Hook. & Arn. Bot. Beechey, p. 177, t. 37. A low bush. Flowers, white.

Berchemia racemosa, Sieb. & Zucc.; Walp. Ann. 1, p. 696. Plant 3.-6 feet high. Berries dark red.

Our specimens accord very well with the description in Walpers except in respect to the fruit, which is rather narrowly oval than obovate but ~~this~~ shape may vary with age. The young branches are perfectly smooth and the leaves are glaucous beneath & dark green or brownish above. ~~The petioles of the leaves~~ The leaves vary from 3/4 – 1 1/4 inch in length on petioles 1/4–1/2 an inch long.

Sageretia theezans, Brogn.; Seem. l.c. Benth. l.c. Rhamnus theezans, DC. Prodr. 2, p. 26. A branching shrub 4-6 feet high.

Rhamnus virgatus, Roxb.; DC. Prodr. 2, p. 24; Benth. l.c.; Seem. l.c. A divaricately branching bush 2-4 feet high.

Rhamnus [illegible]
Foliis 2 pollices longis distachys oblongis utrinque attenuatis vix acutis integris supra nitidis subtus glaucis parallele venosis venis ~~[illegible]~~ subtus prominulis distinctissimis supra ~~nitidis, subtus glaucis~~ Petiolis ~~brevibus~~ lineam longis. Floribus umbellatis sessilibus paucis ~~[illegible]~~ ~~breve~~ brevissime pedicellatis. Calycis 5fidi laciniis lanceolatis acutis intus carinatis, petalis ovalibus duplo longioribus. Drupa baccata compresso-sphaerica dipyrena. Semine dorso convexo ventre sulcato.

Paliurus Aubletii Schult. Hook & Arn Bot Beech 177
Benth. Fl. Hongk. 66

Berchemia? sessiliflora. Benth Fl. Hongk. 68

Anacardiaceae.

Rhus succedanea, Linn.; Seem. Bot. Herald, p. 372; Benth. in Kew Journ. Misc. 4, p. 43. A low widely spreading tree 10-15 feet high. Flowers white or yellowish.

Rhus ~~acuminata~~ succedanea, of Benth DC. Prodr. 2, p. 68. A single specimen in fruit, collected by J. Small, accords with the description.

Mangifera Indica, Linn.; DC. Prodr. 2, p. 63; Seem. l.c. Cultivated.

~~Canarium Pimela Koenig; Sinense, Gaertn.; DC. Prodr. 2, p. 80; Seem. l.c. At Whampoa. Cultivated.~~

Canarium Pimela, Koenig.; DC. Prodr. 2, p. 80; Seem. l.c. Whampoa, Cultivated.

Connaraceæ.

Linnæa, vol. 23, p. 421;

Rourea microphylla, Planch.; Seem. Bot. Herald, p. 378; Benth in Kew Journ. Bot. 4, p. 43; Connarus microphyllus, Hook. & Arn. Bot. Beechey, p. 421. A much branched shrub 2-5 feet high. Flowers white

Rourea santaloides, Wight & Arn. Prodr. Fl. Ind. 1, p. 144; Seem. l.c. Connarus Roxburghii, Hook. & Arn. Bot. Beechey, p. 179. A bush 4-8 feet high. Capsules orange.

Leguminosae.

Crotalaria albida, ~~Benth~~ Heyne; Benth. in Hook. Journ. Bot. 2, p. 567; Seem. Bot. Herald. p. 373. C. leucocarpa, Vogel. Pl. Meyen. p. 8. Flowers yellow.

Crotalaria retusa, Linn.; Wight & Arn. Fl. Ind. 1, p. 187; Benth. in Hook. Journ. Bot. 2, p. 486 DC. Prodr. 2, p. 125; Hook. & Arn. Bot. Beechy, p. 180. Flowers yellow; banner with dark red veins. James Small

The stems in our specimens are pubescent and the calyx is thinly covered with very short hairs.

Crotalaria elliptica, Roxb.; Benth. in Hook. Journ. Bot. 2, p. 581; C. Vachellii, Hook. & Arn. Bot. Beechy, p. 180. Growing in dense patches. Flowers yellow changing to red.

Indigofera hirsuta, Linn.; Wight & Arn. Fl. Ind. 1, p. 204; DC. Prodr. 2, p. 228; Seem. l.c. Hillsides at Cum-sing moon. Fl. red.

Indigofera decora, Lindl.; Walp. Rep. 1 p. 130; Seem. l.c. Flowers rose-colored.

Zornia diphylla, Pers.; Seem. l.c.; Benth. in Kew Gard. Misc. 4, p. 45; Vogel, Pl. Meyen. p. 19. Prostrate. Flowers yellow.

Alysicarpus nummularifolius, DC. Prod. 2, p. 353; ~~Jungh.~~ Benth. in Pl. Jungh. p. 229; Seem. l.c.; Whampoa & Hong Kong; (Wight & Arn. Fl. Ind. 1, p. 332. Prostrate. Flowers purple.

Alysicarpus bupleurifolius, DC. Prod. 2, p. 351; Wight & Arn. Fl. Ind. 1, p. 233. Hillsides, Sam Tong Island. Flowers yellow

Lourea obcordata, Desv.; DC. Prod. 2, p. 324; ~~Jungh.~~ Benth. ~~In~~ Pl. ~~Hügelian~~ Jungh. p. 315. Prostrate. Flowers purple. Happy Valley.

Uraria crinita, Desv.; DC. Prod. 2, p. 324; Seem. l.c.; ~~Jungh.~~ Benth. in Pl. Jungh. p. 214.

Pteroloma triquetrum, Desv.; Seem. l.c. Benth. in Pl. Jungh. p. 220; Kew Gard. Misc. 4, p. 46. Tyber Island, Hong Kong.

Phyllodium pulchellum, Desv.; Seem. Bot. Herald, p. 374; Benth. l.c. ~~Desmodium~~ Dicerma pulchellum, DC. Prod. 2, p. 339; Wight & Arn. Fl. Ind. 1, p. 230.

Hook. Kew Gard. Misc. 4. p. 46

Phyllodium elegans, ~~Desv.~~ Benth. Pl. Jung. 1. p. 218; Seem. l.c. Dicerma elegans, DC. l.c.

Whampoa

Desmodium polycarpum, DC. Prodr. 2, p. 334; Benth. in Kew Gard. Misc. 4, p. 46; Seem. l. c.; D. nervosum, Vog. Pl. Meyen. p. 28. Cum-sing-moon, Whampoa. Flowers purple.

Desmodium reticulatum, Champ. in Kew Gard. Misc. 4, p. 46.

Apparently rare as only two specimens in fruit were obtained

Desmodium triflorum, DC. Prodr. 2, p. 334; W. & A. Fl. Pen. 1, 229; Vog. Pl. Meyen. p. 28. Whampoa & Hong Kong. Branches prostrate. Flowers purple.

Lablab vulgaris, Savi; DC. Prodr. 2, p. 401; W. & A. Fl. Pen. 1, p. 250.

Canavalia gladiata DC. Prodr. 2, p. 404; W. & A. Fl. Pen. 1, 253; Seem. Bot. Herald, p. 374. Tyber Island. Climbing over bushes, near the seaside. Flowers light purple.

Mucuna macrobotrys, Hance in Walp. Ann. 2, p. 422; Seem. l. c. Climbing 10-40 feet high over trees.

Cajanus bicolor, DC. Prodr. 2, p. 406; Seem. l.c.

Atylosia scarabaeoides, Benth. in Pl. Jungh. p. 242; & in Kew Gard. Misc. 4, p. 49; Seem. l.c. Cantharospermum pauciflorum, W. & Arn. Prodr. 1, p. 255. Lemma Island. In cultivated ground. Flowers yellow.

Rhynchosia volubilis, Lour. Seem. l.c.; DC. Prodr. 2, p. 385; Hook. & Arn. Bot. Beechey, p. 181. Sai-Yong Island, Whampoa, Climbing among rocks & bushes. Flowers yellow, seeds black, shining.

Our numerous specimens have the terminal leaflet uniformly rhombic with rounded angles & a little larger than the lateral ones, which also incline to the same form.

Eriosema chinense, Vogel in Pl. Meyen. p. 31; Seem. l.c.; Benth. in Kew Gard. Misc. 4, p. 50. Hong Kong & Puty Island. Flowers yellow.

Pongamia glabra, Vent.; DC. Prodr. 2, p. 416; W. & A. Fl. Ind. 1, p. 262. Whampoa. A small tree in hedges.

Derris — Benth. Pl. Jungh.
~~Pongamia~~ uliginosa, DC. Prodr. 2, p. 416; W. & A. Fl. Ind. 1, p. 262. Typa Island. Flowers white.

Millettia Championi, Benth. Kew Gard. Misc. 4, p. 74; Seem. Bot. Herald. p. 375. Flowers white.

(Rep. 5, p. 557)

Millettia nitida, Benth. in Lond. Journ. Bot. 1, p. 484, & Kew Gard. Misc. 4, p. 74; Seem. l.c.
Marquartia tomentosa, Vogel, Pl. Meyen. p. 35; Callerya tomentosa, Endl. [illegible]
~~Typa Island, Cum-sing-moon & Hong Kong~~ Hills.
~~Hillsides~~ Calyx and vexillum [illegible] with [illegible], keel & wings light purple, the latter a little longer than the keel & about as much shorter than the banner. Shrubby 2-3 feet high, hardly scandent.

Millettia speciosa, Champ. in Kew Gard. Misc. 4, p. 73; Seem. l.c. Typa Island, Cum-sing-moon and Hong-Kong. Flowers white. Shrubby subscandent, 2-5 feet high.

[illegible] & Benth. made an evident

Millettia Chinensis, Benth. in Pl. Jungh. p. 247. Wisteria Chinensis, DC. Prodr. 2, 389 et Auct. Cultivated at Hong Kong. The calyx is ebracteolate.

Dalbergia polyphylla ~~multiflora~~. Benth. in Pl. Jungh. p. 256, & in Kew Gard. Misc. 4, p. 75; Seem. l.c. A low widely spreading bush. Flowers white.

Dalbergia rubiginosa, Roxb.; W. & A. Fl. Ind. 1, p. 265; Benth. Pl. Jungh. p. 253. Scandent & widely branching. Flowers white.

Bowringia callicarpa, Champ. in Kew Gard. Misc. 4, p. 75; Seem. l.c. A branched shrub 3–5 feet high. Flowers white.

Ormosia emarginata, Benth. in Kew Gard. Misc. 4, 77; Seem. l.c. Layia emarginata, Hook & Arn. Bot. Beechey, p. 183, t. 38. Macrotropis emarginata, Walp. Rep. 2, p. 903. A strong branching bush 6–10 feet high. Flowers white — calyx dark red.

Phanera ~~Bauhinia~~ variegata, Benth. in Pl. Jungh. ~~Linn.~~; ~~DC. Prodr.~~ 2, p. 514; W. & Arn. Fl. Ind. 1, p. 296. In gardens.

Phanera corymbosa, Benth. in Pl. Jungh. p. 264; Kew Gard. Misc. 4, p. 77; Seem. l.c. Bauhinia corymbosa, Roxb. et Auct. A feeble sparingly branched bush 3–6 feet high. Flowers light pink — anthers red.

Phanera retusa, Benth. in Pl. Jungh. p. 263. Bauhinia retusa, DC. Prodr. 2, p. 515; Hook. & Arn. Bot. Beech., p. 183. Specimen collected by J. Small.

Guilandina Bonduc, Ait.; DC. Prodr. 2, p. 480; Seem. l.c.; Benth. in Kew Gard. Misc. 4, p. 77. Introduced

Cassia suffruticosa, Roth.; DC. Prodr. 2, p. 496. Cultivated.

Cassia occidentalis, Linn.; DC. Prodr. 2, 497; Seem. l.c. Growing in the streets.

Cassia angustissima, Lam.; DC. Prodr. 2, p. 505. Seem. l.c.; Benth. l.c. Cuim-sing-moon

~~Pithecolobium clypearia Benth in Lon. Journ. Bot. 3, p. 209 & Pl. Jungh. p. 265. Inga dimidiata, Hook & Arn. Bot. Beechy, p. 181. Subscandent and sparingly branched, 10 feet high. Flowers white~~

Caesalpinia vernalis, Champ. in Kew Gard. Misc. 4, p. 77; Seem. l.c. A sparingly branched shrub 4–7 feet high. Flowers yellow.

Caesalpinia Chinensis? Roxb.; Hook. & Arn. Bot. Beechey, p. 182; Benth. in Kew Gard. Misc. 4, p. 77; Seem. l.c. Ascending 6 or 8 feet high on bushes & spreading among the branches. Flowers yellow. Legume broad & flat, 3-4 seeded.

Our specimens ~~almost~~ have the pinnae in 3 or 4 pairs; otherwise agreeing with the brief descriptions.

Acacia ~~Albizzia~~ concinna? DC. Prodr. 2, p. 464; Benth in Lond. Journ. Bot. 1, p. 514; Seem. l.c. The specimens are poor, but they show the pairs of pinnae to be sometimes as many as nine, but the ovary is glabrous.

Acacia Farnesiana, Willd.; DC. Prodr. 2, p. 461; Benth in Lond. Journ. Bot. 1, p. 494.

Leucaena glauca, Benth. in Hook. Journ. Bot. 4, p. 416.

Albizzia Millettii, Benth. in Hook. Journ. Bot. 3, p. 89; & Kew Gard. Misc. 4, p. 79. Seem. l.c.

Pithecolobium clypearia Benth. in Lond. Journ. Bot. 3, p. 209 & Fl. Hongk. p. 268. Inga dimidiata, Hook. & Arn. Bot. Beechey, p. 181.

Subscandent & sparingly branched, 10 feet high. Flowers white.

Pithecolobium lucidum. Benth. in Lond. Journ. Bot. 3, p. 207. Inga bigemina. Hook. & Arn. Bot. Beechey, p. 182. A low spreading tree.

The pods are hardly an inch wide. The blue seeds are pendulous by the funiculum about their own length.

Crotalaria

Rosaceæ.

Pygeum latifolium, Miq. in Blum. M. Auct. Ind. 4, p. 361. Mountain ravines, a branching bush 6-11 feet high. Flowers white.
Calyx pubescent, 5 teeth; petals a little larger but otherwise hardly distinguishable from the calyx teeth. Stamens very unequal. Stigma discoid or capitate. Ovary surrounded by hairs about its own length.

Photinia prunifolia ~~serrulata~~, Lindl.; ~~DC. Prodr. 2, p. 631~~; Seem. Bot. Herald, p. 376; Benth. in Kew Gard. Misc. 4, p. 80. A branching bush 8-10 feet high. Flowers white.

Rhaphiolepis rubra, Lindl. DC. Prodr. 2, p. 630; Seem. l.c.; Benth. l.c.

Flowering plants of this species vary from one foot in height to ten. Some have the calyx very pubescent & the subulate segments as long as the corolla & stamens. Others resembling them in general appearance have the calyx quite smooth and the teeth not more than one third as long as the petals and stamens. The scanty fruit of these is black and shining, fully a quarter of an inch in diameter. These closely resemble the figure of R. indica in Schrank, h. mon. t. 60. — Another variety generally of lower growth has smaller flowers in shorter racemes, a smooth calyx with teeth half as long as the petals & stamens and the abundant fruit of a dull brown color less than two lines in diameter

Rubus reflexus, DC. Prodr. 2, p. 5[illegible] Seem. l.c.; Benth. l.c. Fruticose, 3-6 feet high, sparingly branched. Flowers white. Fruit is rather insipid.

Rubus parvifolius, Linn.; DC. Prodr. 2, p. 564; Seem. l.c.; Benth. l.c. Puly Island & Hong Kong. Plant 2-3 feet high. Flowers light purple. Fruit red.

Rubus leucanthus, Hance in Walp. Ann. 2, p. 468; Seem. l.c. R. glaberrimus, Champ. in Kew Gard. Misc. 4, p. 81. Fruticose 2-4 feet high. Flowers small white.

Spiræa Reevesiana, Lindl.; Walp. Rep. 5, p. 658. Cultivated.

Onagraceae.

Jussiaea villosa, Lam.; W. & A. Pr. Fl. Pen. Ind. 1, p. 336; Benth. in Kew Gard. Misc. 4, p. 81; Seem. Bot. Herald, p. 377. Lamma Island

Lythraceae

Ammania
~~Ameletia~~ subspicata, Lindl. in Linn. Journ. Bot. 4, p. 484; Lam. l.c. Ameletia subspicata, Benth. in Kew Gard. Misc. 4, p. 81. Wet ground. Flowers light purple or nearly so.

Lagerstroemia Indica, Linn; DC. Prodr. 3, p. 93. In woods near the Budhist Temple.

Lawsonia alba. Lam.; DC. Prodr. 3, p. 91. Cultivated

Melastomaceæ.

Melastoma repens, Lam.; Naud. Ann. Sc. Nat. Par. Ser. 3, vol. 3. p. 274; Seem. Bot. Herald p. 377; Benth. in Kew Jour. Misc. 4. p. 116. Osbeckia repens, DC. Prodr. 3. p. 143. Prostrate. Flowers purple.

Melastoma candidum, D. Don; DC. Prodr. 3, p. 145; Seem. l.c.; Benth. l.c. M. calycinum, Benth. in Linn. Journ. Bot. 4 p. 485. Common.

Bracts large & ~~hispid~~ pubescent on the inner side.

Melastoma macrocarpum. D. Don; Naud. in Ann. Sc. Nat. Ser. 3, vol. 13, p. 281; Seem. l.c.; Benth. l.c. F. Small.

The leaves are longer & narrower than those of the preceding, with fewer & longer scaly hairs; the bracts are not half so large acuminate ciliate on the margin & smooth on the inner side

Melastoma sanguineum, Sims; Naud. l.c.; Seem. l.c.; Benth. l.c. A shrub 6-10 feet high.

Whole plant very rough. Calyx teeth not half the length of the tube with smooth margin. Bracts smaller & broader than in M. macrocarpum smooth within & almost so externally.

Osbeckia chinensis Linn; Benth. l.c. Seem. l.c. O. linearis Blume; Naud. l.c. vol. 14. p. 70. Islands, Sam Tong & Tam-Too; also Hongkong. Flower, pink.

Myrtaceæ.

Bæckia frutescens, Linn.; DC. Prodr. 3, p. 229; Hook. & Arn. Bot. Beechey, p. 187; Seem. Bot. Herald, p. 379; Benth. in Kew Gard. Misc. 4, p. 118. Calyx pink — corolla white.

Eugenia ~~buxifolia~~ Arnottii, Syzygium buxifolium, Hook. & Arn. Bot. Beechey, p. 187; Seem. l.c.; Benth. l.c. Shrubby, 3–4 feet high, branching. Flowers white.

Eugenia ~~Loureirii~~ Opa; Opa odorata, Lour. Fl. Coch. 1, p. 377. Syzygium odoratum, DC. Prodr. 3. p. 260; Hook. & Arn. Bot. Beechey, p. 187; Seem. l.c. A bush 4–6 feet high in thickets.

Eugenia operculata, Roxb.; Wight Ic. t. 552. Syzygium nervosum, DC. Prodr. 3, p. 260; ~~Hook. & Arn. Bot. Beechey,~~ Seem. l.c.; Benth. l.c. Whampoa.

Eugenia Jambos, Linn. Jambosa vulgaris, DC. Prodr. 3. p. 286; Seem. l.c.; Hook. & Arn. Bot. Beechey, p. 188.

Psidium Guajava, Linn.; Gray in Bot. U. S. Expl. Exp. 1, p. 550. P. pomiferum & P. pyriferum, Linn. et Auct.

Myrtus tomentosa, Ait. Hort. Kew. 3, p. 240; Seem. l. c.; Hook. & Arn. Bot. Beech. p. 187; Rhodomyrtus tomentosa, Benth. in Kew Gard. Misc. 4, p. 117. A branching bush 4–7 feet high. Flowers rose color.

Cucurbitaceae.

Bryonia umbellata, ~~Klein~~ Willd.; W. & Arn. Fl. Ind. 1, p. 345; Walp. Rep. 2, 198. Sam Tong Island, Whampoa. Scandent; flowers greenish-white; pepo bright red

Passifloraceæ.

Passiflora foetida, Cav.; DC. Prodr. 3, p. 331; Benth. in Kew Gard. Misc. 4, p. 120;

[illegible] —— [illegible]

Begoniaceæ.

Begonia Bowringiana, Champ. in Kew Gard. Misc. 4, p. 120. Doratometra Bowringiana, Seem. Bot. Herald, p. 379. Among rocks in dense thickets. Flowers pink. Stigmas four, spirally twisted.

Droseraceæ.

Drosera Loureirii, Hook. & Arn. Bot. Beechey p. 167. t. 31; Benth. in Kew Journ. Bot. 3. p. 261; Seem. Bot. Herald, p. 364; Walp. Rep. 1, p. 227. Flowers pink. Margin of rivulets & in wet cultivated & waste lands.

Homaliaceae.

Blackwellia fagifolia, *Lindl in Hort. Trans. 6. p. 269*; *Seem. Bot. Herald, p. 378*; *Benth in Kew Gard. Misc. 4. p. 119*. A bush 4-6 feet high. Flowers white.

Crassulaceae.

Bryophyllum calycinum, Salisb.; DC. Prodr. 3, p. 396; Seem. Bot. Herald, p. 379.
Suffruticose; Flowers purple

Seem. — no. ?

Saxifragaceae.

Itea Chinensis, Hook. & Arn. Bot. Beechey, p. 187; Seem. Bot. Herald, p. 377; Benth. Kew Garden Misc. 4, p. 121. A large spreading bush 10–15 feet high

Portulacaceæ.

Portulaca oleracea, Linn.; DC. Prodr. 3, p. 353; Seem. l.c. A weed by roadsides.

Umbelliferae.

Wight, Ic. 2, 564;

Hydrocotyle rotundifolia, Roxb.; DC. Prodr. 4, p. 64; Seem. Bot. Herald, p. 379; Benth. in Kew Journ. Misc. 4, p. 126. H. perexigua, Hance in Walp. Ann. 2, p. 691. In rice-fields.

The umbels are said in DeCandolle to be subsessile, which is certainly not true of our specimens, neither are they so described & figured elsewhere.

Wight, Ic. 2, 565;

Hydrocotyle asiatica, Linn.; DC. Prodr. 4, p. 62; Benth. l.c.; Seem. l.c. H. lurida, Hance, in Walp. Ann. 2, p. 690. China shore opposite Hong Kong. Flowers purplish.

Coriandrum sativum, Linn.; DC. Prodr. 4, p. 250. J. Small. Probably escaped from garden.

Araliaceae.

Paratropia Cantoniensis, Hook. & Arn. Bot. Beechey, p. 187; Seem. Bot. Herald, p. 380; Benth. in Kew Gard. Misc. 4, p. 122.

A small, widely spreading tree. Flowers white. 5-androus in our specimens.

Hedera protea, Champ. in Kew Gard. Misc. 4, p. 121; Seem. l.c. The specimens are few and with flowers unexpanded.

Loranthaceæ.

Loranthus Scurrula, Linn.; Benth. in Kew. Gard. Misc. 4, p. 123; Seem. Bot. Herald, p. 380. L. chinensis, DC. Prodr. 4, p. 301; Loranth. p. 28, t. 7. Parasitic in small compact bunches.

Viscum orientale, Willd.; DC. Prodr. 4, p. 278; Seem. l.c.; Benth. l.c.; ~~On bran~~ Blume, Fl. Jav. Loranth. t. 25. On branches of Dalbergia polyphylla.

Hamamelidaceae.

Distylium racemosum, Sieb. & Zucc. Fl. Jap. 1. p. 179, t. 94; Walp. Rep. 5, 928. In dense thickets, a spreading bush 5—10 feet high

The ~~subcute~~ calices in our ~~plants~~ specimens ~~is destitute~~ is without of the stellate hairs ~~as abundant in~~ of the Japanese plant. ~~There appears to be no other difference~~. They agree well with the figure & with an authentic specimen.

Rhodoleia Championi, Hook.; Benth. in Kew Journ. Misc. 4, p. 164; Seem. l.c. R. formosa, ~~R. [illegible]~~ Hance in Walp. Ann. 5, p. 842. A small tree in thick woods. Involucre red.

Liquidambar Chinensis, Champ. in Kew Journ. Misc. 4, p. ~~[illegible]~~ 164; Seem. l.c. t. 94;
A stout branching bush or small tree 8—15 feet high

Eustigma oblongifolium, Gardn. & Champ. in Kew Journ. Misc. 1, p. 313; Seem. l.c. t. 95
Benth. in Kew Journ. Misc. 4, p. 165. ~~t.~~
A spreading bush 4-10 feet high. Flowers reddish; anthers yellow; styles dark purple. The leaves are mostly entire, rarely with a few small teeth near the point.

Caprifoliaceae.

Viburnum odoratissimum, Ker; Hook. & Arn. Bot. Beechey, p. 190; Seem. Bot. Herald, p. 381; Benth. in Kew Gard. Misc. 4, p. 166; DC. Prodr. 4, 326. A bush 3-4 feet high.

Viburnum nervosum, Hook. & Arn. Bot. Beechey, p. 190; Seem. l.c.; Benth. l.c.
Flowers white. Erect, shrubby 2-5 feet hig[h]. We find the leaves finely, but distinctly punctate.

Viburnum Chinense? ~~Hook. & Arn. Bot. Beechey, p. 190;~~

Lonicera longiflora, DC. Prodr. 4, p. 333; Seem. l.c.; Benth. l.c.
Climbing 3-5 feet high. Flowers light yellow.

Lonicera hirtiflora, Champ. in Kew Gard. Misc. 4, p. 166; Seem. l.c. Flowers greenish-white, changing to pale yellow; Subscandent, attaining a height of 5-8 feet.

Psychotria elliptica, Ker, Bot. Reg. t. 607; Benth. l.c.; Seem. l.c. ~~P. Reev~~ P. Reevesii, Wall.; DC. Prodr. 4. p. 519. Grumilea Reevesii, Hook. & Arn. Bot. Beech. p. 193. Hillsides, very common.

Psychotria serpens, Linn. Mant. p. 204; Benth. l.c. P. scandens, Hook. & Arn. Bot. Beech. p. 193. Common, creeping over rocks, &c.

Pavetta Indica, Linn.; DC. Prodr. 4. p. 490. Mountain-sides; common.

Ixora stricta, Linn. var. incarnata, Roxb.; Benth. l.c. Flowers crimson

Canthium undulatum, Champion; Benth. l.c. p. 198. Mountains, in woods. A small, branching tree, with very lucid leaves and greenish-white flowers

Canthium Rheedii, DC. Prodr. 4, p. 474. Tyber Island. A small-leaved form; in fruit.

Morinda umbellata Linn. var. Benth. l.c. Hong Kong. Whampoa, and Putoy Island.

A form with remarkably small leaves; perhaps distinct from the Indian species.

~~Guettardella Chinensis,~~ Championi; ~~Benth.~~ l.c. Thick shady wood; also Putoy Island.

A low shrub. Flowers yellow. Fruit dark purple.

Thysanospermum diffusum, + Benth.

Guettarda (*Guettardella*) *Chinensis*. *Guettardella Chinensis*, Champ.; Benth. in Kew Jour. Bot. 4, p. 197, & Fl. Hong Kong, p. 158. Thick shady woods; also on Putoy Island. A low shrub; flowers yellow; fruit dark purple. The genus *Guettardella* apparently can hardly be kept up. In at least five-sixths of the fruits examined the pyrenæ are concreted into a 4–5-locular putamen. The seeds in this species have a thin but manifest albumen; the embryo tapers only slightly at the cotyledonear end, and the cotyledons are more developed than in the Guettardas I had before examined. The dilated, plug-shaped funiculus of the *Guettardeæ* is well represented in this plant. There are some indications of dimorphism in the flowers. In the flowers examined the anthers, even when the style is elongated, are high in the throat of the corolla.

Rubiaceæ.

Knoxia corymbosa, Willd.; Benth. in *Kew Journ. Bot.* 4. p. 199. Hong Kong; also a more pubescent form from Tiger Island.

Spermacoce articularis, Linn. Or ? nearly var. *hispida*. (S. hispida, Linn.; Seem. Bot. Voy. Herald, p. 381.) Cum-Sing-Moon.

Spermacoce (*Borreria*)

With the foregoing; on the sea-beach

S. —

Thysanospermum diffusum, Champ; Benth. l. c. Hillsides. A branching shrub, with white flowers.

Mephitidia Chinensis, Champion; Benth. l. c. p. 197. Mountain ravines.

Bentham

Hedyotis ~~cephalophora~~, uncinella, Hook. & Arn. Bot. Beech. p. 192, adn. Potoy Island! a single flowering specimen.

Hedyotis auricularia, Linn.; DC. Prodr. 4. p. 420; Wight & Arn. Prodr. Fl. Ind. Or. 1. p. 412; – a hairy form: H. vestita, R. Br.? Cum-sing-Moon.

Hedyotis costata, R. Br. in Wall. Cat. Whampoa.

Very near H. ulmifolia, Wall.; and both probably mere forms of H. auricularia.

Hedyotis loganioides, Benth. n. sp. Hongkong Fl.

Hedyotis acutangula, Champion; Benth. l.c.; Seem. Bot. Herald. p. 382, t. 85. Hillsides, &c.

Hedyotis recurva, Benth. in Lond. Jour. Bot. 1. p. 486. & in Kew Jour. Bot. l.c.; Seem. l.c. t. 84. In flower and fruit.

Scleromitrion hispidum, Wight & Arn. sub Hedyotid. Hedyotis hispida. Retz; DC. Prodr. 4. p. 420; Seem. l.c. Whampoa.

Scleromitrion angustifolium, Benth. in Kew Jour. Bot. 4. p. 172. Two forms; the larger-leaved apparently Hedyotis approximata. R. Br.

Oldenlandia Burmanniana, Wight & Arn. l.c. sub Hedyotid. Hedyotis Burmanniana. R. Br. Whampoa.

Oldenlandia dichotoma, Wight & Arn. l.c. Wet cultivated land.

Oldenlandia stricta, Linn. ex Wight & Arn. l.c. Hedyotis maritima. Wall. Whampoa.

Oldenlandia corymbosa, Linn.; Benth. l.c. Whampoa.

Ophiorhiza pumila, Champion; Benth. l.c. p. 169. In ravines.

Adina globosa Salisb.; DC. Prodr. 4. p. 444. Whampoa and Hong Kong.

Stylocoryne Webera. A. Rich.; Wight & Arn. Prodr. Ind. Or. 1. p. 401, Putoy Island and Hongkong.

Diplospora viridiflora, DC. Prodr. 4. p. 447; Benth. in Kew Jour. Bot. 4. p. 195. Sides of mountains.

Randia? canthioides, Champion; Benth. in Kew Jour. Bot. 4. p. 194.

Randia sinensis, ~~Hook. & Arn.~~ Roem. & Schult.? Hook. & Arn. Bot. Beech. p. 191;

Benth. l.c. Lemma Island.

Randia? leucocarpa, Champion; Benth. l.c. An imperfect specimen. Also a form with somewhat obovate, less acuminate leaves.

Randia dumetorum, Lam.; Benth. l.c. (Flowers white, very deciduous.)

Gardenia florida, Linn. Hong Kong, ~~Putoy Island~~, & Macao.

Gardenia radicans, Thunb.; DC. Prodr. 4. p. 379. Putoy Island

Mussaenda pubescens, Ait. Kew.; DC. Prodr. 4. p. 371; Hook. & Arn. Bot. Beech. p. 191.

Mussaenda erosa, Champion; Benth. in Kew Jour. Bot. 4. p. 193. Shady hills. Corolla yellow.

Loganiaceæ.

Gelsemium elegans, Benth. in Jour. Linn. Soc. 1. p. 90; ~~Hongkong~~ Seem. Bot. Herald. p. 384. In fruit.

Mitrasacme capillaris, Wall.; A. DC. Prodr. 9. p. 11; Benth. l.c. 5. p. 55.

Strychnos paniculata, Champion; Benth. in Kew. Jour. Bot. l.c. & ~~Linn.~~ Jour. Linn. Soc. 1. p. 102. Flower and fruit. (Flowers white, odorous.)

Strychnos angustiflora, Benth. in Jour. Linn. Soc. l.c.

Buddleia Asiatica, Lour.; Benth. in DC. Prodr. 10. p. 446.
A form connecting this species with B. Neemda.

Compositæ, By A. Gray.

Vernonia cinerea, Less.; DC. Prodr. 5. p. 24; Steetz in Bot. Voy. Herald, p. 384. Conyza cinerea, Linn.

Broad and also narrow-leaved forms of this polymorphous and widely diffused species, which occurs in the Prodromus under several names.

Vernonia solanifolia, Benth. in Lond. Jour. Bot. 1. p. 486, & Kew Jour. Bot. 4. p. 232; Steetz, l.c.

Well developed specimens, "2 to 6 feet high." Were it "arboreous" I should take it for a variety of V. Javanica, DC. But the outer pappus is rather copious and the tomentum more villous.

Vernonia Cumingiana, Benth. in Kew Jour. Bot. l.c.

A glabrate form: at least the branchlets and lower face of the leaves are by no means ~~ferrug.~~ tomentose; also the inflorescence is partly axillary.

Cyanopsis pubescens, Blume; DC. Prodr. 5. p. 69. Common in cultivated grounds.

Elephantopus scaber, Linn.; DC. Prodr. 5. p. 86. Hill sides. Flowers white.

Ageratum conyzoides, Linn.; DC. Prodr. 5. p. 108. Introduced. Flowers purple and white.

Eupatorium Lindleyanum, DC. Prodr. 5. p. 180; Steetz, l. c. E. Argyropsifolium, Thunb.?

Aster (Orthomeris) baccharoides, Steetz in Bot. Voy. Herald. p. 385. Aster baccharoides, Benth. in Hook. Journ. Bot. 1. p. 487. Flowers of the disk purple; the rays white or purplish.

Aster (Orthomeris) Benthami, Steetz, l.c. Diplopappus laxus, Benth. l.c.

Aster Doellingeria trichocarpa, DC. Prodr. 5, p. 263. Putoy Island and Tiger Island.

Lagenophora latifolia, Hook. f. in Lond. Jour. Bot. 6. p. 113. L. Billardieri, Benth. l.c. non Cass. L. Sundana, Miq. Pl. Jungh. p. 497. Mountain-tops.

The lanceolate achenia distinguish this species; those of L. Billardieri being semi-obovate (not "broadly obovate"); the heads also are smaller. Miquel does not describe the achenia; but Junghuhn's no. 359 is exactly the same as the Hongkong plant.

Solidago Virgaurea, Linn. var. leiocarpa. Amphiraphis leiocarpa, Benth. in Lond. Jour. Bot. 6. p. 488, & Kew Jour. Bot. l.c.; Steetz, l.c. In enclosures.

The achenia are striate; and the plant clearly a form of S. Virgaurea which we have from Japan and the Loo Choo Islands; also with glabrous achenia.

Grangea Maderaspatana, Poir.; DC. Prod. 5. p. 373; Steetz in Bot. Voy. Herald. p. 386. In fields.

Erigeron linifolium, Willd. Spec. 3. p. 1955; Benth. in Kew Jour. Bot. 4. p. 234. Conyza ambigua, DC. Fields and waste places.

Conyza Japonica. Less. Syn. Comp. p. 204; DC. Prod. 5. p. 382. Erigeron Japonicum. Thunb. Hillsides. Flowers purplish.

A form with only the lower leaves obovate or spatulate.

Blumea lacera, DC. Prod. 5. p. 437; Steetz, l. c.; vars. In cultivated ground.

Blumea hieracifolia, DC. l. c. p. 442; Wight. Ic. Ind. Or. t. 1099; Steetz. l. c. Hongkong and Whampoa.

Blumea holosericea, DC. l. c.? Benth. l. c.?

Blumea Chinensis, DC. l.c. p. 445. Conyza Chinensis, Linn. excl. syn.
Flowers purple.

Blumea balsamifera, DC. l.c. p. 447. Conyza balsamifera, Linn.

Pluchea Indica, Less.; DC. Prod. 5. p. 451; Steetz, l.c. Sam-Tong Island

Duhaldea Chinensis, DC. Prod. 5. p. 366; Steetz, l.c. p. 388. Blumea Chinensis, Hook. & Arn. Inula oblonga, Cappa, & Pseudo-Cappa, DC. Vernonia congesta, Benth. V. eriosematoides, Walp. (Flowers purple.)

Anisopappus Chinensis, Hook. & Arn. Bot. Beech. Voy. p. 196; Steetz, in Bot. Voy. Herald. p. 389. Verbesina Chinensis, Linn. Spec. ed. 2. p. 1270. Hill sides, Sam Tong Island.

Eclipta prostrata, Linn. Mant. p. 286; Thunb. Fl. Jap. p. 321.

Eclipta erecta, Linn. l.c. Lemma Island; also Hongkong.

Siegesbeckia orientalis, Linn.; DC. Prodr. 5. p. 495.

Xanthium Indicum, Roxb.; DC. Prodr. 5. p. 523. X. discolor, Wallroth; Steud. l.c. Streets and waste places.

Wedelia calendulacea, Less.; DC. Prodr. 5. p. 539; Benth. l.c.

Wedelia prostrata, Verbesina prostrata, Hook. & Arn. Bot. Beech. Voy. p. 195. Wollastonia prostrata, Hook. & Arn. l.c. p. 265. Cum-Sing-Moon and Whampoa.

Prostrate on the sand beach. Leaves all distinctly petioled, small, rhombic-ovate or oblong with a cuneate base, thick, incisely few-toothed, very scabrous-strigose on both sides. Exterior scales of the involucre shorter than the inner, oblong. Achenia hirsute at the sum=

mit when young, and crowned with several small and more or less concreted squamellæ, and some of them with two or three short thick awns; this pappus persists on some achenia until they are mature. These vary in shape when ripe: some are convex at the top and bearing the pappus or its vestiges; others are very thick, flat-topped, and calvous. The plant might be referred with equal propriety either to Wedelia or Wollastonia; indeed there is no good distinction between these genera.

Wollastonia scabriuscula, DC. Prodr. 5. p. 457.? "Introduced?"

Bidens Chinensis, Willd. Spec. 3. p. 1719, pro parte; Steetz in Bot. Voy. Herald, p. 390. Bidens pilosa, var. Chinensis, Linn. ~~B. pilosa, Thunb.~~? (Rays white)

Differs from B. leucantha in the lucid, more pointed, and more sharply ~~toothed~~ leaflets, and in the erect, instead of spreading, awns ~~awns~~. Exterior—

achenia often tuberculate-scabrous; the inner ones much longer.

Bidens bipinnata, Linn.? Benth. in Kew Journ. Bot. 4, p. 235. Whampoa and Lemma Island.

Glossogyne tenuifolia, Cass., DC. Prodr. 5, p. 391; Steetz, l. c. Bidens tenuifolia, Labill. Sert. Austr.-Cal. t. 45. In sandy soil.

Pyrethrum Indicum, Cass.; Steetz, l. c. Whampoa (a fragment) and Hong Kong.

Myriogyne minuta, Less.; DC. Prodr. 6. p. 129. Artemisia minima, Thunb. In rice-fields and ditches.

Pleiogyne cardiosperma, Edgeworth in Linn. Trans. 20, p. 71; Benth. l. c. Damp fields.

Gnaphalium multiceps, Wall. Cat.; DC. Prodr. 6. p. 222; Benth. in Kew Journ. Bot. 4. p. 235. G. confertum Benth. in Hook. Lond. Journ. Bot. 1. p. 488. Lemma Island.

Some older and more appropriate name will perhaps be found for this species to which also belongs G. confusum, DC.? The present specimens are simple-stemmed, from a slender root.

([illegible]) [illegible]

Gnaphalium purpureum, Linn.; Steetz in Bot. Voy. Herald, p. 393. On hillsides; introduced?

I think, with Dr. Steetz, that this is the G. purpureum of the United States, the form with the looser and floccose ~~pubescence~~ wool. Not having been noted hitherto from this part of the world, it may have been recently introduced, in ballast.

[illegible]

Gnaphalium Indicum, Linn.; DC. Prodr. 6. p. 231. Fields; depauperate forms.

Emilia sonchifolia, DC. Prodr. 6, p. 302; Steetz, l. c. Hills and mountains.

Gynura ovalis, DC. Prodr. 6, p. 300; Benth. l. c. G. bulbosa, Hook. & Arn. Bot. Beech. Voy. p. 194. G. auricularia, DC. l. c.?; ~~Mountain ravines.~~ Steetz, l. c. Mountain ravines.

Two of the specimens have villous-pubescent leaves, but only the uppermost at all auricled; another is similar but nearly glabrous; a fourth is pubescent and the leaves mostly auriculate. As they all ~~pretty~~ pretty clearly belong to G. ovalis, ~~and it~~ while the Mauritian plant is unknown to me, that name is preferred for the Hongkong plant. The purple reticulation is conspicuous in the leaves of all the forms.

Senecio Chinensis, DC. Prodr. 6, p. 363, ex char. S. Hindsii, Benth. in Lond. Jour. Bot. 1, p. 488, & Kew Jour. Bot. 4, p. 235; S. campylodes, DC. ex Steetz, in Bot. Voy. Herald, p. 393. Wooded hillsides.

Senecio Stauntonii, DC. ~~Prodr.~~ l.c.; Stelz, l.c.: Var. acutangulus; caule glaberrimo acutissime angulato et striato; foliis 2-6-pollicaribus denticulatis dentatis vel inferioribus laciniato-pinnatifidis omnibus basi amplexicaulibus supra mox glabratis. On mountains.

Saussurea Japonica, DC. in Ann. Mus. 16, p. 203. t. 9 (13). & Prodr. 6. p. 536; Sieb. & Zucc. Fam. Nat. ~~Jap.~~ l.c. p. 67. S. linearis, Champion; Benth. in Kew Jour. Bot. 4. p. 235; Stelz, l.c. (Serratula Japonica, Thunb.) Hillsides, Sum-Tong Island.

Had Champion's specimens been complete, so as to show the laciniate or pinnatifid lower leaves, they would surely have been recognized as identical with the Japanese plant figured by DeCandolle. The species is much like S. elongata, DC. of Siberia.

Cirsium Chinense, Gardn. & Champion in Kew Jour. Bot. 1. p. 323; Benth. l.c. 4. p. 236; Stelz, l.c. C. oreithales, Hance in Walp. Ann.

Bot. 2. p. 944. On the mountains. —

All the specimens have a naked head, mostly on a slender peduncle. Gardner must have omitted to describe the white tomentum of the lower side of the leaves. In one specimen the leaves are somewhat laciniate-toothed. The scarious tips of the innermost scales of the involucre are often considerably dilated. Pappus pluriserial. — This should be compared with the Carduus linearis of Thunberg, the Spaniopsilon of Lessing, which, from the character appears to differ from Cirsium only in the uniserial pappus.

Gerbera ovalifolia, DC. Prod. 7. p. 17; Benth. l.c.; Steud. l.c.

Summit of Victoria Peak.

The petiole is sometimes as long as the blade of the leaf, the latter softly tomentose beneath.

Lactuca brevirostris, Champion; Benth. in Kew Jour. Bot. 4. p. 236.

A single, imperfect specimen, which, as the leaves are not auricled, is doubtless the same as the plant mentioned by Dr. Steetz, and perhaps ~~probably~~ the Indian L. longifolia.

Taraxacum Dens-Leonis, Desf. In fields or cultivated soil.

Ixeris (Chorisis) repens; vide Japan. Coll. p. . Chorisma repens, Don. Chorisis repens, DC. Prodr. 7. p. 178. Happy Valley; creeping in sand.

Wholly new to the Chinese Flora. "Flowers yellow."

Ixeris fontinalis, DC. Prodr. 7. p. 151. In cultivated grounds.

Ixeris versicolor, DC. l. c.; Ledeb. Fl. Ross. 2. p. 817. Prenanthes versicolor, Fisch.; Bunge, Enum. Pl. Chin. p. 40. Barkhausia tenella, Benth. in Lond. Jour. Bot. 1. p. 488. Picris repens, Lour.? Hook. & Arn. l. c. On hills and mountains.

"Flowers yellow." Evidently the same as the Siberian plant.

Ixeris ramosissima; vide Jap. Coll. p. ~~Brachy~~ Var. pinnatifida. Brachyramphus? ramosissimus, Benth. in Lond. Jour. Bot. 1. p. 489, & Kew Jour. Bot. 4. p. 237. On hills.

This is manifestly a variety, with lobed or cut leaves, of the plant from the southern part of Japan which I take for Thunberg's Prenanthes hastata. The achenia, &c. are similar to those of the foregoing species, and it may with equal reason be referred to Ixeris, although the ribs are not corky, thick and acute or wing-like, nor perfectly smooth.

Youngia Japonica, DC. Prodr. 7. p. 194. Y. Thunbergiana, runcinata, striata, fastigiata, & multiflora, DC. l. c. In cultivated and waste grounds; common.

Stylidiaceae.

Stylidium uliginosum, Swartz; DC. Prodr. 7, p. 336; Seem. Bot. Herald, p. 395; Benth. Kew Gard. Misc. 4, p. 246. S. Sinicum, Hance Walp. Ann. 2, p. 1030. In wet ground along rivulets.

Campanulaceæ.

Wahlenbergia agrestis, A. DC. Monog. Camp. p. 145; DC. Prodr. 7, p. 434; Seem. Bot. Herald 396; Benth. Kew Gard. Miss. 4, p. 247; Wight, Ic. 4, 1175. In damp fields. Flowers purple.

Goodeniaceae.

Scævola Lobelia, Linn.; Benth. in Kew Gard. Misc. 4, p. 247; Seem. Bot. Herald. p. 396. S. calevaga, Hance, in Walp. Ann. 2, p. 1054. ~~Se~~ sericea, DC. Prod. 7, p. 506. ~~Specimen~~
Specimen communicated by Mr. Hance.

Ericaceæ.

Vaccinium Chinense, Champ. in Kew Gard. Misc. 4, p. 297; Seem. Bot. Herald, p. 396.
A shrub 4–8 feet high growing in thickets. Flowers white

Azalea Indica, ~~Hort.~~ Linn.; DC. Prodr. 7, p. 726; Hook. & Arn. Bot. Beechey, p. 196; Seem. l. c.; Benth. Kew Gard. Misc. 4, p. 298

Benth. Azalea squamata, Lindl. Bot. Reg. 1847, t. 3, Kew Gard. Misc. 4, p. 298; Seem. l. c.; Walp. Ann. 1, p. 481. A low bush 1–2 feet high, Flowers rose color the upper segment ~~speckled~~ with deeper specks on both edges near the base

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Rhododen
7.
t. 4609; Benth. K
A low much branc
with an oblong sp

Azalea ovata.
Lindl. in Journ. Hort. Soc.
1, p. 149, Fortune, l. c. 2.
p. 126, t. 2.
~~Var. alb~~ Var. alba =
Azalea myrtifolia, Champ.
in Hook. Bot. Mag. n.s.
t. 4609; Benth. in Kew
Journ. Bot. 4, p. 298.

Ericacea.

Vaccinium Chinense, Champ. in Kew Gard. Misc. 4, p. 297; Seem. Bot. Herald, p. 346.
A shrub 4-8 feet high growing in thickets. Flowers white

Azalea Indi Linn. ~~var~~; Dc. Prodr. 7, p. 726;
Hook. & Arn. Bot. B 4; Seem. l.c.;
Benth. Kew Gard

Benth. Azalea Reg. 1847,
4 3,~~8~~ Kew Gard. Walp.
Ann. 1, p. 48 ers,
rose color— eper-
specks.

Rhododendron Championa. Hook. Bot. Mag. t. 4609; Benth. Kew Gard. Misc. 4, p. 299; Seem. l.c.
A low much branched bush. Flowers white— lower segment with an oblong spot, red below & shading to yellow above.

Enkyanthus quinqueflorus, *Lour. Fl. Coch. p. 339*; *DC. Prodr. 7, p. 732*; *Seem. l.c.*; *Benth. Kew Gard. Misc. 4, p. 294*. E. reticulatus, *Lindl.* *DC. l.c.*

Shrub erect, sparingly branching 2-6 feet high. Flowers light rose-color.

Myrsinaceae.

Maesa sinensis, DC. Prodr. 8, p. 82; Benth. Kew Gard. Misc. 4, p. 300; Seem. Bot. Herald, p. 397.

A common branching shrub 2-6 feet high. Flowers white.

Maesa acriacea, Champ.; Benth. in Kew Gard. Misc. 4, p. 300; Seem. l.c.

A sparingly branched bush 2-5 feet high. Flowers white or light pink.

Maesa montana, A. DC. Prodr. 8. p. 77.

~~Only two specimens in flowering this species were procured.~~ They are so unlike the two former species, and agree so well with Indian specimens of Baobotrys indica in the herbarium of Prof. Gray, that, although ~~they~~, it has not been observed by former botanists at Hong Kong; ~~there can be but little doubt they it is this it~~ we have but little hesitation in considering ~~it identical with with the~~ it our plant identical with that species

Embelia Ribes, Burm.; A. DC. Prodr. 8, p. 85; Benth. Kew Gard. Misc. 4, p. 301; Seem. l. c.

Shrub 3-5 feet high sparingly branched, flowers white.

Samara obovata, Benth. ~~in Lond. Journ. Bot. 1, p. 490;~~ in Kew Gard. Misc. 4, p. 301; Seem. l. c. Choripetalum obovatum, Benth. in Lond. Journ. Bot. 1, p. 490; C. Benthamii Hance in Walp. Ann. Bot. 3, p. 10.

Our specimens show the plant to be polygamous or diœcious. The staminate plants have the panicles of flowers more numerous and a greater number of flowers in each cluster of a yellowish-green color. ~~They~~ The leaves show none of the pellucid lines & dots mentioned by Mr. Hance. He may have confounded with it Myrsine ~~neriifolia~~ capitellata whose leaves have the lines & dots very conspicuous

neriifolia, [illegible]

Myrsine capitellata, Wall.; A. DC. Prodr. 8, p. 94; Seem. l. c.; Benth. l. c.; Wight. Ic. 4, 1211.

A large widely branching bush 8-12 feet high. Pedicels calyx corolla externally, sterile anthers (polygamous?) & ovary reddish. Pistil clavate pellucid. Berry purple. The flowers are much frequented by honey-bees.

Ardisia pauciflora, Heyne; A. DC. Prodr. 8, p. 127; Wight, Ic. 4, 1214; Seem. l.c.; Benth. in Kew Gard. Misc. 4, p. 301.

Shrubby 2-5 feet high. Flowers white or very pale purple with a waxy hue. The young (partly expanded) leaves & petioles are covered with minute substellate ferruginous scales.

Ardisia crispa; A. DC. Prodr. 8, p. 134; Seem. l.c.; Benth. l.c.

A slender shrub, 4-7 feet high, sparingly branched. Our specimens do not very well agree with the description. The flowers are at the summit of rather slender branches in a short ~~raceme~~ corymb, ~~xx~~ ~~panicle~~ one or more of whose slender rays are again corymbose, the pedicels ~~of the separate flowers~~ being several (2-3 or more) times the length of the flowers, large pink dotless. The leaves are narrow lanceolate, the greatest breadth above the middle 4 inches long, 1 in entire towards the ends, sinuate along the middle, ~~every part quite smooth~~ rather membranaceous than coriaceous, very closely & minutely ~~dotted~~ pellucid punctate. Whole plant quite smooth.

Ardisia primulaefolia, Gardn. & Champ. in Kew Gard. Misc. 1, p. 324; Seem. l.c.; Benth. l.c.; Walp. Ann. 3, p. 10.

Under overhanging rocks in mountain ravines. Berries scarlet.

Ardisia punctata, Lindl. in Bot. Regt. 827; A. DC. Prodr. 8, p. 135; Seem. l.c.; Benth. l.c.

A bush 2-4 feet high. Berries red.

Ardisia

Primulaceae.

Lysimachia alpestris, Champ.; Benth. in Kew Gard. Misc. 4, p. 299; Seem. Bot. Herald, p. 396

Mountain side, in crevices of rocks. Flowers yellow.

Sapotaceæ.

Sideroxylon Wightianum, Hook. & Arn. Bot. Beechey, p. 196, t. 41; Seem. Bot. Herald, p. 347; Benth in Kew Gard. Misc. 4, p. 303; A. DC. Prod. 8, p. 178.

Shrub 2–6 feet high. Flowers greenish white. Berries purple.

Ebenaceæ.

Rospidios vaccinioides, A. DC. Prodr. 8, p. 220; Seem. Bot. Herald, p. 397; Benth. in Kew Gard. Misc. 4, p. 302. Diospyros vaccinioides, Lindl.; Hook. Ex. Fl. t. 139; Hook. & Arn. Bot. Beech. p. 196.

A low branching bush 2-4 feet high. Flowers white tipped with pink.

Diospyros Morrisiana, Hance in Walp. Ann. 3, p. 14; Benth. in Kew Gard. Misc. 4, p. 302; Seem. Bot. Herald, p. 398.

A shrub 4-6 feet high. Flowers yellowish white. The fruit (nearly mature) gathered in August is 8-celled.

Styrax suberifolium, Hook. & Arn. Bot. Beech. p. 196, t. 40; A. DC. Prodr. 8, p. 261; Benth. in Kew Gard. Misc. 4, p. 304; Seem. l.c.

A sparingly branched shrub 4-6 feet high. Flowers white. The leaves are much larger than they are [illegible] ~~to~~ described to be in DeCandolle. The larger ones in our specimens are full 5 inches long with the petiole & though they differ much in size the very youngest & smallest are fully two inches long.

Styrax odoratissima, Champ., Benth. in Kew Gard. Misc. 4, p. 304; Seem. l.c.

A branching bush 10 feet high. Flowers white.

Oleaceae.

Fraxinus retusa, Champ; Benth in Kew Gard. Misc. 4, p. 330; Seem. Bot. Herald. 398.

Shrub 6–12 feet high much branched at the top. Flowers white.

Olea marginata, Champ; Benth ~~in Kew Gard. Misc. 4, p.~~ l.c.; Seem. l.c.

A large erect branching bush 8–12 feet high. Berries green.

Ligustrum Sinense, Lour. Fl. Coch. 4, p. 23; A. DC. Prodr. 8, p. 294; Benth. l.c.; Seem. l.c.

A bush 4–8 feet high. Flowers white—their smell unpleasant.

Jasminaceæ.

Jasminum paniculatum, Roxb. DC. Prodr. 8, p. 310; Seem. Bot. Herald. p. 348. Benth. Kew Gard. Misc. 4, p. 331.

Subscandent, 3–6 feet high. Flowers yellowish white.

Jasminum undulatum, Willd. Sp. Pl. 1, p. 36; DC. Prodr. 8, p. 302. Whampoa

Fruticose 1–3 feet high

Apocynaceæ.

Allamanda cathartica, Linn.; A. DC. Prodr. 8. p. 318; Seem. Bot. Herald. p. 391.
~~On deserted~~ Roadsides, by deserted dwellings.

Melodinus fusiformis, Champ.; Benth. in Kew Gard. Misc. 4, p. 332; Seem. l.c. Mountain ravines.
A spreading sparingly branched shrub 3–5 feet high. Flowers white. Ripe fruit yellow.

Melodinus lætus, Champ.; Benth. in Kew Gard. Misc. 4, 332; Seem. l.c.
A branching shrub 2-5 feet high. Flowers white.

Melodinus suaveolens, Champ.; Benth. in Kew Gard. Misc. 4, 333; Seem. l.c.
Subscandent 4–10 feet high. Flowers white sweetscented.

Alyxia sinensis, Champ.; Benth in Kew Gard. Misc. 4, 334; Seem. l.c.
A slender trailing bush. Flowers white. Fruit black or dark purple.

Vinca rosea, Linn.; A. DC. Prodr. 8, 382; Seem. l.c.; Benth. l.c. Cumsing-moon. Apparently introduced.

Stophanthus divergens, Grah.; A. DC. Prodr. 8, p. 417; Benth. l.c.; Seem. l.c.
Shrubby, erect, 2-5 feet high, branching. Tube of flower with purple lines on the inside; segments greenish yellow

Aganosma laevis, Champ.; Benth. l.c. Seem. l.c.
Hillsides, subscandent. Flowers white, odorous.

Ecdysanthera rosea, Hook. & Arn. Bot. Beechey p. 198, t. 42; Benth. Kew Gard. Misc. 4, p. 335; Seem. l.c.; A. DC. Prodr. 8, p. 442.
A branching shrub 6-10 feet high. Flowers pink or rose color.

[illegible]

Pottsia Cantoniensis, Hook. & Arn. Bot. Beechey p. 198, t. 43; Benth. l.c.; Seem. l.c. P. ovata, A. DC. Prodr. 8, p. 442.
Scandent 4-6 feet high. Flowers rose-color.

Asclepiadaceæ.

Toxocarpus Wightianus, Hook. & Arn. Bot. Beech. p. 200; Dcne. in DC. Prod. 8, p. 506; Benth. Kew Gard. Misc. 5, p. 52; Seem. l.c. Hong Kong & Typa Island. Scandent. Flowers yellow.

Holostemma pictum, Champ. Benth. in Kew Gard. Misc. 5. p. 53; Seem. l.c.
Flowers green without, greenish purple within. Petals ciliate on the outer edge.

Asclepias curassavica, Linn.; Dcne. in DC. Prod. 8, p. 610; Benth. l.c.; Seem. l.c. Common, naturalized

Tylophora hispida, Dcne. in DC. Prod. 8, p. 610; Benth. l.c.; Seem. l.c.
Scandent. Flowers greenish white, changing to yellowish.

Marsdenia tinctoria? Br.; Dcne. in DC. Prod. 8, p. 615; Wight Ic. 2, 589; Benth. l.c.; Seem. l.c. Sam Tong I.
Flowers at first purplish becoming bright yellow. Our plants do not agree well with the description nor with the figure above referred to. The leaves are narrow lanceolate obtuse or barely truncate at base and retain their natural color

interpetiolar
The flowers are in simple, cymes as long as the petiole, or a little longer or rarely twice as long. Were it not that this species appears to be not uncommon at Hong Kong, and that, unless this be it we must have overlooked it, we should without hesitation judge it to be distinct.

Stephanotis Sinensis, Champ.; Benth. in Kew Gard. Misc. 5, p. 53; Seem. l.c.
Scandens. Flowers white.

Gymnema sylvestre, Br.; Dcne. in DC. Prodr. 8, p. 621; Benth. l.c.; Seem. l.c.; Wight Ic. 1, 349; Hook. & Arn. Bot. Beechey, p. 200.
Climbing 4-10 feet high over bushes. Flowers yellow.

Pentasacme Championi, Benth. in Kew Gard. Misc. 5, p. 54. Seem. l.c.
In crevices of the rocks in the beds of mountain torrents. Flowers white.

Dischidia Chinensis, Champ.; Benth. in Kew Gard. Misc. 5, p. 55; Seem. l.c.
Creeping over rocks. Flowers white.

Hoya carnosa, Br.; Dcne. in DC. Prodr. 8, p. 636; Benth. l.c.; Seem. l.c.
Mountain ravines. Creeping over rocks. Flowers with a central scarlet spot—crown white—corolla light pink.

Gesneraceae.

Aeschynanthus Chinensis, Gardn. & Champ. Kew Gard. Misc. 4, p. 328; Benth. in Kew Gard. Misc. 5, p. 57; Seem. Bot. Herald, p. 400. Creeping among rocks.
Flowers green tinged with purple — filaments deep crimson — anthers very dark red or brown.

Chirita Sinensis, Lindl.; Hance in Kew Gard. Misc. 4, p. 141; Benth. ~~Kew Gard. Misc. 5, p. 57~~ l.c.; Seem. l.c.
Under overhanging rocks. Flowers purple.

Gentianaceæ.

Exacum tetragonum, Hance in Walp. Ann. 3, p. 77; Benth. in Kew Gard. Misc. 5, p. 57; Seem. Bot. Herald, p. 400. Flowers purple

Convolvulaceæ.

Argyreia acuta, Lour.; Chois. in DC. Prodr. 9, p. 333; Benth. Kew Journ. Misc. 5, p. 57; Seem. Bot. Herald. p. 400.

Ascending among bushes. The few leaves of the fruiting specimens are silky above as well as on the under surface.

Dichondra repens, Forst.; Chois. in DC. Prodr. 9, p. 451.

On banks by the roadside.

Ipomœa pes-capræ, Sw.; Chois. in DC. Prodr. 9, p. 349; Seem. l.c. Convolvulus pes-capræ, Hook. & Arn. Bot. Beechey, p. 201. Typa Island on sand beaches. Prostrate.

Ipomœa filicaulis, Blume, Bijdr. Fl. Ned. p. 721; Chois. in DC. Prodr. 9, p. 353; Seem. l.c.

Typa Island. Flowers light yellow

Ipomaea pentadactylis, Chois. in DC. Prodr. 9, p. 385; Benth. l.c.; Seem. l.c.

Tam Tong Island. A low trailing vine. Flowers white.

Ipomaea pulchella? Roth.; Chois. in DC. Prodr. 9, p. 386; Wight, Ic. 156. Typa Island

On banks near the sea, climbing over bushes. Flowers red-purple. Our specimens differ somewhat from the figure & description. The flowers are larger and the leaves for the most part are not divided to the base — the lower lobes sometimes unequally ~~trifi~~ 2-~~lobed~~ cleft

Jacquemontia violacea, Chois. in DC. Prodr. 9, p. 385. Convolvulus canthium, Hance, in Walp. Ann. 3, p. 115.

Tam Too Island. Flowers pale rose or lilac. The pubescence is stellate of 3-4 rays.

Evolvulus alsinoides, Linn.; Chois. in DC. Prodr. 9, p. 447; Seem. l.c.

Branches prostrate. Flowers blue.

Cuscuta 2 sp. — To Engelmann

Solanaceæ.

Solanum nigrum, Linn.; Dunal, in DC. Prodr. 13, p. 50; Benth. Kew Gard. Misc. 5, p. 129; Seem. Bot. Beechey, p. 401. Whampoa.

Solanum ferox, Linn.; Benth. l.c.; Seem. l.c. S. lasiocarpum, Dunal. in DC. Prodr. 13, p. 252.
In thickets, 2-5 feet high. Berries yellow.

Solanum Indicum, Nees; Dunal in DC. Prodr. 13, p. 309; Seem. l.c.
Flowers purple. In waste ground.

Datura alba, Nees; Dunal in DC. Prodr. 13, p. 541; Seem. l.c.
Roadsides. Flowers white.

Scrophulariaceæ.

Linaria elatine, Mill; Benth. in DC. Prodr. 10. p. 268.
Communicated by Mr. Hance.

Russelia juncea, Zuc. Benth. in DC. Prodr. 10, p. 332. Cultivated

Mazus rugosus, Lour. Fl. Coch. p. 385; Benth. in DC. Prodr. 10, p. 375; & Kew Gard. Misc. 5 p. 130; Walp. & Schauer, Pl. Meyen. p. 394.
In fields. Flowers light purple

Pterostigma grandiflorum, Benth. DC. Prodr. 10, p. 380; & Kew Gard. Misc. 5, p. 130; Hook. & Arn. Bot. Beechey, p. 203; Seem. Bot. Herald, p. 380.
P. rubiginosum, Walp. in Pl. Meyen. p. 393.
Shaded hillside in damp soil (& on Putoy Island a small leafed form (P. rubiginosum, Walp.) Flowers dark purple.

Herpestis Monniera, H. B. & K.; Benth. in DC. Prodr. 10, p. 400; & Kew Gard. Misc. 5, p. 130; Hook. & Arn. Bot. Beechey, p. 202; Seem. l. c.
In wet sandy ground. Flowers purple.

Dopatrium junceum, Hamilt.; Benth. in DC. Prodr. 10, p. 407.
Wet ground in rice-fields.

Torenia rubens, Benth. in DC. Prodr. 10, p. 411; & Kew Gard. Misc. 5, p. 130; Seem. l.c.
Mountain valleys, procumbent. Flowers violet.

Torenia diffusa, Don, Prodr. Fl. Nep. p. 86; Benth. in DC. Prodr. 10, p. 411; Walp. Pl. Meyen. p. 345. Whampoa

Though not agreeing strictly with Don's description, our specimens differ less from it than from that of the preceding. They are quite pubescent, apparently prostrate, at least rooting at many of the joints, and the flowers are hardly half an inch in length. They are not however terminal nor always solitary nor on short pedicels, which are as long as the flowers, or even twice as long.

Vandellia oblonga, Benth. in DC. Prodr. 10, p. 413; & Kew Gard. Misc. 5, p. 130; Hook. & Arn. Bot. Beechey, p. 202; Seem. l.c. Potoy Island

Our specimens have the leaves for the most part remotely & minutely dentate (V. limosa, Walp. Pl. Meyen. p. 306.)

Vandellia crustacea, Benth. in DC. Prodr. 10, p. 413; & in Kew Gard. Misc. 5, p. 130; Hook. & Arn. ~~Bot.~~ l.c.; Seem. l.c.

In wet cultivated ground. Flowers purple.

Bonnaya verbenaefolia, Spreng.; Benth. in DC. Prodr. 10, p. 421 & Kew Gard. Misc. 5, p. 130; Seem. l.c. Damp fields. Flowers light purple.

Bonnaya peduncularis, Benth. in DC. Prodr. 10, p. 421.

On the river banks at Whampoa. Prostrate or procumbent.

Bonnaya tenuifolia? Spreng.; Benth. in DC. Prodr. 10, p. 422.

In ditches & wet rice fields. Flowers purple.

Scoparia dulcis, Linn.; Benth. in DC. Prodr. 10, p. 431.

Happy valley in sandy ground.

Microcarpaea muscoides, Br. Prodr. p. 435; Benth. in DC. Prodr. 10, p. 433.

In wet fields. Flowers (calyx?) purple.

Striga hirsuta, Benth. in DC. Prodr. 10. p. 502 & Kew Gard. Misc. 5, p. 131; Seem. l. c. Hong Kong, Tam Too & Typa Islands. Flowers bright yellow.

Orobanchaceae.

Aeginetia Indica, Roxb.; Reut. in DC. Prodr. 11, p. 43; Benth. Kew Gard. Misc. 5, p. 131; Seem. Bot. Herald, p. 403.

On hills among grass. Flowers purple — the two upper segments & the upper side towards the base deeper.

Lentibulariaceae

Utricularia uliginosa, Vahl; A. DC. Prodr. 8, p. 15; Seem. Bot. Herald, p. 403;
In fields. Flowers bluish-purple. The calyx is very minutely glandular-denticulate. The upper lip of the corolla is emarginate or even rather deeply bifid: the lower slightly 3-lobed.

Utricularia caerulea, A. DC. Prodr. 8, p. 17; Wight, Ic. t. 1583; Seem. l. c.
Wet fields. Flowers purple

Utricularia humilis, Vahl; A. DC. Prodr. 8 p. 22; Seem. l. c.
Wet fields. Flowers yellow-palate with brownish lines. Spur nearly twice as long as the lower sepal. Bracteoles half the length of the bracts.

Utricularia orbiculata, Wall.; A. DC. Prodr. 8. p. 18.
Mountain sides. On wet rocks among mosses where water trickles down. Flowers white.

Acanthaceæ.

Thunbergia alata. Bojer.; Nees in DC. Prodr. 11, p. 58; Hook. Ex. Fl. t. 177.
In ravines climbing over bushes. Flowers yellow — tube dark red within. Escaped from cultivation.

Phlebophyllum apricum, Benth. in Kew Gard. Misc. 5, p. 131; Seem. Bot. Herald, p. 403. Gutslaffia aprica, Hance. Kew Gard. Misc. 1, p. 143; Walp. Ann. 3, p. 213. Flowers purple. Small

Dipteracanthus patulus, Nees in DC. Prodr. 11, p. 126; Wight, Ic. t 1505. Flowers purple. Whampoa

Dilivaria ilicifolia, Juss.; Nees in DC. Prodr. 11, p. 268; Hook. & Arn. Bot. Beechey, p. 206; Seem. l.c.; Benth. Kew Gard. Misc. 5, p. 133. Whampoa.

Adhatoda Chinensis, Benth. in Kew Gard. Misc. 5, p. 134; Seem. Bot. Herald, p. 404.
Flowers white — palate with several short oblique lines on each side. Upper anthers (lobes) red.

Adhatoda Vasica, Nees in Wall. Pl. As. Rar. 3, p. 103 & DC. Prodr. 11, p. 387. Shrub 4-8 feet high. Flowers white veined with purple. Cultivated.

Adhatoda ventricosa, Nees in DC. Prodr. 11, p. 407. Justicia ventricosa Wall. Pl. As. Rar. 80, t. 93.
Shrub 4-8 feet high cultivated. Flowers white with purple lines on the inside.

Gendarussa vulgaris, Nees. in DC. Prodr. 11, p. 410 Cultivated. Flowers purple

Dicliptera cardiocarpa, Nees in DC. Prodr. 11, p. 480; Seem. l. c.
Damp ground. Hypa Island. Flowers pale purple.

~~Verbena officinalis~~

Verbenaceæ.

Verbena officinalis, Linn.; Schauer in DC. Prodr. 11, p. 548; Benth. Kew Gard. Misc. 5, p. 135; Seem. Bot. Herald. p. 405.
A common weed.

Stachytarpha Indica, Vahl.; Schauer in DC. Prodr. 11, p. 564. In gardens.

Lantana polyacantha, Schauer in DC. Prodr. 11, p. 597. J. Small.

Callicarpa Roxburghii, Wall.; Schauer in DC. Prodr. 11, p. 640. C. tomentosa, Hook. & Arn. Bot. Beechey, p. 305 excl. syn. C. americana Lour.; Hance in Walp. Ann. 3, p. 236; Seem. l. c.; Benth. in Kew Gard. Misc. 5, p. 135.

A shrub 4-6 feet high. The detailed description of Mr. Hance above quoted leaves us in no doubt that our plant is the one he had in view. That it can not be the C. ~~Thunb~~ americana ~~plant~~ of Willdenow is clear from his mention of its resemblance to C. americana which it is so very unlike not only in general appearance, but also in ~~the~~ size of the leaves and the dense tawny pubescence of the branchlets & petioles and the abundant though less fulvous ~~=~~ stellate hairs of the under surface of the leaves

Callicarpa ~~mollis~~ Tomentosa, Willd. Enum. Pl. p. 158; Schauer, in DC. Prodr. 11, p. 647; ~~Lam. Encyc. 1, 562.~~
~~C. Americana, Lour. Fl. Coch. p. 88. C. subpubescens, Hook. & Arn. Bot. Beechey, p. 206~~

A feeble procumbent shrub four or five feet long. Only two specimens of this plant were obtained, which would lead to the belief, strengthened by the fact that it was not known to the resident botanists or not well described by them, that it is not common. It accords well with Willdenow's description ~~and with that of Loureiro~~ except in the dentation, which in our plant is rather fine & even, & as in C. subpubescens, which is not unlikely one of those plants whose habitat is rendered doubtful by the mixture of ~~plants~~ specimens from different localities mentioned in the introductory remarks, p. 275. It agrees less strictly with the description in DC. which has apparently been modified so as to include C. Roxburghii, or some other doubtful plant. Our plant is closely allied to C. cana, but the leaves are smaller & not rugose.

Callicarpa Reevesii, Wall.; Schauer, in DC. Prodr. 11, p. 641; Benth. in Kew Gard. Misc. p. 135; Seem. l.c. C. nudiflora, Hook. & Arn. Bot. Beechey, p. 206, t. 46.

Erect, scarcely branching. Flowers light purple.

Callicarpa integerrima, Champ.; Benth in Kew Gard. Misc. 5, p. 135; Seem. l.c.

A sparingly branched shrub 5-7 feet high.

Callicarpa tenuiflora, Champ.; Benth. in Kew Gard. Misc. 5, p. 135; Seem. l.c.

A shrub 3-5 feet high, sparingly branched. Flowers purple. Except that the leaves in our specimens are somewhat smaller 3 or 4 inches long & 1½ wide they accord with the character ~~description~~.

Callicarpa longifolia, Lam. Dict. 1, p. 562 & Ill. t. 69, f. 2; Schauer in DC. Prodr. 11, p. 645; Seem. l.c. Benth. l.c.

Flowers white turning brownish in withering. The largest & most luxuriant plants, sometimes, at least, have the leaves subsessile hardly attenuate and very obtuse at the base. ~~and on one~~ Most of the leaves are less than an inch broad, and none quite two inches.

Clerodendron lividum, Lindl.; Schauer in DC. Prodr. 11, p. 673; Seem. l.c. C. pentagonum Hance in Walp. Ann. 3, p. 328; Benth. Kew Gard. Misc. 5, p. 136. Hong Kong & Whampoa.

Suffruticose, branching, 4 feet high.

Clerodendron inerme, Br.; Schauer, in DC. Prodr. 11, p. 660; Benth. l.c.; Seem. l.c. Typa Island, Whampoa, & Hong Kong
A shrub 2-4 feet high.

Clerodendron canescens, Wall.; Schauer in DC. Prodr. 11, p. 665; Seem. l.c.; Benth. l.c. C. haematocalyx, Hance in Walp. Ann. 3, p. 238
Fruticose 2-4 feet high.

Vitex Loureirii, Hook. & Arn. Bot. Beechey p. 206, t. 48; Schauer in DC. Prodr. 11, p. 686.
Whampoa & Hong Kong.

Vitex trifolia, Linn. var. unifoliolata, Schauer in DC. Prodr. 11, p. 683; Seem. l.c.; Benth. l.c. C. ovata, Hook. & Arn. Bot. Beechey p. 206, t. 47 Hong Kong & Typa Island on sea beaches. Flowers purple.

Labiatæ.

Salvia plebeia. R. Br. Prodr. p. 501; Benth. in DC. Prodr. 12, p. 355 & Lab. p. 309.

Scutellaria Indica, Linn.; Benth. Lab. p. 428. & DC. Prodr. 12, p. 417 & ~~H. G. M.~~ Kew Gard. Misc. 5, p. 136; Seem. Bot. Herald, p. 404.
On grassy hills. Flowers light purple.

Anisomeles ovata, R. Br.; Benth. Lab. ~~xx~~ p. 702; & Kew Gard. Misc. 5, p. 136; Seem. l. c.

Leonurus Sibiricus, Linn.; Benth. Lab. p. 520. & DC. Prodr. 12, p. 501; Seem. l. c. p. 404.
— Cum-sing-moon.

Leucas mollissima, Wall.; Benth. Lab. p. 607; & Kew Gard. Misc. l. c.; Seem. l. c.
Typa & Lemma Islands — also Cumsingmoon

Teucrium fulvum, Hance, in Walp. Ann. 3, p. 270; Benth. in Kew Gard. Misc. 5, p. 136; Seem. l. c.
Flowers pale purple or white. Seeds nearly smooth.

Boraginaceae.

Ehretia serrata? Roxb.; DC. Prodr. 9, p. 503. Whampoa.

A small tree 20 feet high. Cultivated as a shade-tree.

Ehretia longiflora, Champ. ex Benth. in Kew Gard. Misc. 5, p. 58; Seem. Bot. Herald, p. l.c.

A small widely branching tree. Flowers white ~~withering~~ changing to black with a ~~fa~~ faint rather unpleasant smell.

Bothriospermum tenellum, Fisch. & Meyer; A. DC. in DC. Prodr. 10, p. 116; Benth. Kew Gard. Misc. 5, p. 58; Seem. l.c.

Nyctaginaceæ.

Boerhaavia diffusa, Linn.; Choisy in DC. Prodr. 13, part. 2, p. 452. Whampoa

Amaranthaceæ.

Cyathula prostrata, Bl.; Benth. in Niger Flora, p. 493; Moq. in DC. Prodr. 13, part. 2, p. 326.

Achyranthes aspera, Linn.; Moq. in DC. Prodr. 13, part. 2, p. 315; Seem. Bot. Herald, p. 407; Hook. & Arn. Bot. Beechey, p. 207.

Alternanthera sessilis, R. Br. Prodr. p. 417; Moq. in DC. Prodr. 13, part 2, p. 357. A. sessiliflora, Hook. & Arn. l.c.

Elaeagnaceæ

Elæagnus Loureri, Champ.; Benth. in Kew Gard. Misc. 5, p. 196; Seem. Bot. Herald, p. 408.

A shrub 6-9 feet high

Thymelaceae.

Aquilaria Malaccensis, Lam.; DC. Prodr. 2, p. 59; Seem. Bot. Herald, p. 408; Benth. in Kew Gard. Misc. 5, p. 195.
Within enclosures & by roadsides, Introduced.

Wikstroemia Indica, C. A. Meyer; Nees in DC. Prodr. 14, p. 543; Benth. in Kew Gard. Misc. 5, p. 195; Seem. l. c. Hong Kong abundant - also Sam Tong Islan

A low spreading bush 1-5 feet high. Flowers green yellow. Fruit yellowish-red.

Wikstroemia nutans, Champ.; ex Benth. in ~~Hk. J.~~ Kew Gard. Misc. 5, p. 195; Seem. l. c.

A slender branching bush 3-8 feet high. Flowers yellowish-green. Berries yellow or red.

Santalaceae.

Henslowia frutescens, Benth. in Kew Gard. Misc. 5, p. 194; Seem. Bot. Herald. p. 408.
A low bush. Flowers light green.

Polygonaceæ.

Polygonum Roxburghii, Meisn. in DC. Prodr. 14, p. 93; Seem. Bot. Herald, p. 407. P. hernandioides, Benth. in Kew Gard. Misc. 5, p. 194.

Polygonum orientale, Linn. Meisn. in DC. Prodr. 14, p. 123; Hook. & Arn. Bot. Beechey, p. 208; Seem. l. c.

Polygonum Chinense, Linn.; Meisn. in DC. Prodr. 14, p. 130. Hook. & Arn. l. c.; Seem. l. c.

Lauraceæ.

Cinnamomum Zeylanicum, Breyn.; Nees, Syst. Laurac. p. 45; Seem. Bot. Herald. p. 407.
Cultivated.

Camphora Parthenoxylon, Nees in Wall. Pl. As. Rar. 2, p. 72; Seem. l.c.; Wight, &c. 1833; Phoebe latifolia, Champ. ex Benth. Kew Gard. Misc. 5, p. 197. Sassafras Parthenoxylon, Nees Syst. Laurac. p. 491.

A small tree. Flowers yellowish green. Anthers turning yellowish brown. The flowering branches ~~have small leaves, at them~~ are in the axils of small leaves (bracts?) more or less ciliate with soft ferruginous hairs.

Machilus velutinus, Champ. ex Benth. in Kew Gard. Misc. 5, p. 198. Actinodaphne angustifolia, Seem. l.c. (~~[illegible] Nees~~ non Nees.). A small

Our specimens agree in every respect with the description of Champion while they do not accord with the character in Nees. Furthermore though the specimens have nearly full grown fruit the still persistent stamens show that the plant is bisexual.

Machilus Thunbergii, Sieb. & Zucc. Fl. Jap. p. 78; Seem. l.c.; Benth. Kew Gard. Misc. 5, p. 198.
A shrub 3-5 feet high. Sam Tong Island.

Alseodaphne Chinensis, Champ. ex Benth. Kew Gard. Misc. 5, p. 195; Seem. l.c.

A small tree 20 feet high. Flowers white.

Tetranthera Roxburghii, Nees, Syst. Laurac. p. 515; Benth. in Kew Gar. Misc. 5, p. 199; Seem. l.c.; Hook. & Arn. Bot. Beechey, p. 208.

A low widely spreading tree. Flowers yellowish.

Tetranthera monopetala, Roxb.; Nees, Syst. Laur. p. 525; Hook. & Arn. l.c.

A small branching tree 20 feet high or more. Flowers (pist.) green.

Tetranthera polyantha, Wall.; Nees, Syst. Laurac. p. 545; Seem. l.c. T. floribunda, Champ. ex Benth in Kew Gard. Misc. 5, p. 199

A small erect tree 8–15 feet high with smooth green bark. Flowers whitish.

The pistillate ~~plant may~~ flowers may be thus described Pedunculo communi brevissimo umbellas 3-4 gerente; radiis sesquilineam longis subsericeis sulcatis; floribus? mediam lineam longis; involucris floribusque masculis similibus sed minoribus; ~~involucri~~ perianthii foliolis inequalibus ex illis ad umbellulae centrum spectantibus minoribus; staminibus quam in masculis sed multo minoribus quasi abortientibus; Pistillo glabro; Stylo ovarium aequante exserto erecto stricto vel plus minus incurvo. Stigmate magno peltato inaequaliter bitrilobo. lobo altero horizontali altero longe arcte deflexo.

Actinodaphne Chinensis, Nees, Syst. Laurac. p. 600; Benth. in Kew Gard. Misc. 5, p. 199; Seem. l.c.

A sparingly branched shrub 2-4 feet high.

~~Daphnidium bifarium, Nees, Syst. Laurac. p. 616; Benth. in Kew Gard. Misc. l.c.; Seem. l.c.~~

~~A low spreading bush 2-4 feet high.~~

Litsaea Ceylanica Nees, Syst. Laurac. p. 626; Benth in Kew Gard. Misc. 5, p. 199; Seem. l.c.

A low spreading bush 2-4 feet high.

Cassytha filiformis, Linn.; Nees, Syst. Laurac. p. 642; Benth. Kew Gar. Misc. 5, p. 200 Seem. l.c.; Hook & Arn. Bot. Beechey p. 209

Parasitic & ascending on bushes to the height of 8-10 feet.

Euphorbiaceæ.

Euphorbia pilulifera, *Linn.*; *Seem. Bot. Herald, p. 409*; *Benth. in Kew Gard. Misc. 6, p. 1.*
Roadside, Hong-Kong.

Euphorbia thymifolia, *Linn.*; *Hook. & Arn. Bot. Beechy., p. 213*;
Whampoa

Euphorbia hypericifolia, *Linn.*; *Seem. l.c.*
Whampoa.

Euphorbia bifida, *Hook. & Arn. Bot. Beechey p. 215.* By the seashore, Typa Island.
In our specimens the leaves are acute.

Stillingia discolor, *Champ.*; *Benth in ~~Hook.~~ Kew Gard. Misc. 6, p. 1*; *Seem. l.c.*
A small, widely spreading tree 10-15 feet high, Leaves 2 inches, petioles 1 inch long, Flowers yellowish green. Valves of the capsule thick, in dehiscence separating from the placenta, & leaving the seed (about 1 line in diameter) attached to it;

Stillingia japonica, Sieb. & Zucc. Fl. Jap. Fam. Nat. Sect. 2, p. 37; Benth. Kew Gard. Misc. 6, p. 2.?

A low bush 1–3 feet high. Leaves about as wide as those of the preceding & twice as long on petioles hardly half as long, glaucous beneath. Glands at the base of the leaf ~~beneath~~ inconspicuous. Many of the principal nerves furnished with them towards the margin of the leaf beneath. Valves of the fruit thinner than those of the preceding species, separating from the placenta, each carrying with it the contained seed which is nearly 1/4 inch long, & marked with irregular black lines & dots.

Stillingia sebifera, Mich. Fl. Bor. Am. 2. p. 217; Hook. & Arn. Bot. Beechey, p. 213; Benth. Kew Gard. Misc. 6, p. 1; Seem. l.c.

Stipellaria trewioides, Benth. Kew Gard. Misc. 6, p. 2; Seem. l.c.

Fruticose, sparingly branched, 3-6 feet high young leaves & flowers dark reddish.

Mappa tanarius, Spr. in Lin. Syst. Veg. 3. p. 878;

A small tree 10-15 feet high. Staminate flowers greenish

Hancea Hookeriana, Seem. Bot. Herald, p. 409, t. 96. ......

Fruticose 3-5 feet high. The staminate racemes are reddish purple; anthers brownish. Stigmas red. Of these Mr Seemann's figure gives a very unfair representation. In the specimens with well-grown fruit they are about twice its length or from 6-9 lines long ## many times longer than the ovary, subulate and fimbriate their whole length ......

Curcas purgans, Adr. Juss. Euph. t. 11.
A low spreading bush cultivated in hedges.

Rottlera paniculata, Adr. Juss.; Hook. & Arn. Bot. Beechey, p. 212; Benth. Kew Gard. Misc. 6. p. 5; Seem. Bot. Herald, p. 411.
Erect, 4-8 feet high, ~~and~~ widely branching. In ravines.

Rottlera Chinensis, Hook. & Arn. l.c.; Seem. l.c. Whampoa & Hong Kong.
A shrub 2-4 feet high.

Rottlera Tinctoria, Roxb.; Willd. Sp. Pl. 4, p. 832; Benth. l.c.; Seem. l.c.
Suffruticose, 1-3 feet high, erect, branching,

Croton lachnocarpum, Benth. Kew Gard. Misc. 6, p. 5; Seem. l.c.

The specimens before us show an extraordinary extent of variation in the size of the different parts. The leaves vary from less than an inch to more than six, on petioles from 3-20 lines long — the serratures are often ~~sometimes~~ bi-~~glandular~~, sometimes tri-glandular. The racemes are from 3-6 or 8 inches long. May not these long-leaved forms be the C. longifolium of Seemann?

Phyllanthus urinaria, Linn.; Hook. & Arn. Bot. Beechey, p. 210; Benth. Kew Gard. Misc. 6, p. 7; Seem. l.c. Whampoa & Hong Kong.

Phyllanthus anceps, Vahl.; Willd. Sp. Pl. 4, p. 574

Happy valley. Branches prostrate. Staminate flowers yellowish. Stipules hardly ~~only~~ "minutissimae". Leaves rather smaller than in the description.

Phyllanthus cinerascens, Hook. & Arn. Bot. Beechey, p. 211; Seem. Bot. Herald, p. 410, t. 97; Benth. l.c.

Shrubby 2-3 feet high, sparingly branched. Flowers greenish.

Emblica officinalis, Gaertn.; Wight. Icon. 1896; Benth. Kew. Gard. Misc. 6, p. 8; Seem. l.c.
Within enclosures.

Melanthesa Chinensis, Bl. Bijdr. p. 592; Seem. l.c.; Benth. l.c. M. cernua. Dec. Herb. Timor. p. 155; Benth. Lon. Journ. Bot. 1, p. 491.
A spreading bush 4–8 feet high. Flowers dull purple.

Glochidion macrophyllum, Benth. Lon. Journ. Bot. 1, p. 491. Whampoa.
A bush 8–15 feet high.

Glochidion eriocarpum, Champ.; Benth. in Kew Gard. Misc. 6, p. 6; Seem. l.c. Phyllanthus, villosus Willd. Sp. Pl. 4, 576?
The pubescence of the midrib & principal ~~[illegible]~~ veins on the under side ~~of the leaves~~ diverges from them at right angles & lies flat on the blade of the leaves giving the venation a rather unusual appearance.

Glochidion Sinicum, Hook. & Arn. Bot. Beechey, p. 210. Whampoa
A shrub 2–4 feet high

var. Chinensis

Sapium Roxburghii, Seem. Bot. Herald. p. 411; S. Chinensis, Champ. Kew. Gard. Misc. 6, p. 72.

A bush 4-10 feet high. Our specimens have the staminate spikes 3-4 times as long as the young pistillate ones. The perianth of the ~~latter~~ fertile flowers is pellucid punctate. Placenta with long hairs extending downward between & around the 2 collateral ovules.

Buxus sempervirens, Linn.
Putoy Island. A low branching bush.

Goughia Neilgherrensis Wight, Ic. t. 1787 & 1788; Seem. l.c.; Benth. l.c.

The 4 or 5 segments of the perianth are quite distinct though small compared with the anthers which are perfectly blunt.

Bischoffia trifoliata, Hook. Ic. t. 844;.
Stylodiscus trifoliatus, Horsf. Pl. Jav. Rar. t. 24.

A small spreading tree 10-15 feet high. Flowers (staminate) yellowish-green.

Antidesma Japonicum, Sieb. & Zucc. Fl. Jap. Nat. Fam. Sect. 2. p. 88; Seem. l.c.; Benth. Kew Gard. Misc. 6, p. 73.

Shrub 3-5 feet high. Flowers greenish.

Urticaceae.

Elatostemma sessile, Forst.; Wedd. ~~Monogr.~~ Urticeae, p. 294
Among rocks in ravines.

Pouzolzia hispida, J. J. Benn. Pl. Jav. Rar. p. 66; Seem. Bot. Herald, p. 411; Benth. in Kew Gard. Misc. 6, p. 73.
The specimens are all staminate.

Boehmeria nivea, Gaud.; Hook. & Arn. Bot. Beechey, p. 214; Wedd. Urticeae, p. 380; Hook. in Kew Gard. Misc. 3, p. 312, t. 8; Seem. l. c.; Benth. l. c.
Lamma Island

Pouzolzia procumbens, Wight, Ic. 6, p. 42, t. 2077
Staminate flowers 4-androus. The fruit of our plants agrees well with his figures, especially the cross-section (but not with his description.)
Hong Kong, East end, & Putoy Island.

Ficus Wightiana? Wall. Urostigma Wightianum, Miq. ~~Prod.~~ in Lond. Journ. Bot. 6, p. 566

From the number of specimens procured at several different dates this would appear to be far from rare, yet it seems to be different from any of the species recorded as belonging to the island and agrees well with the description

Ficus angustifolia, Roxb.; Seem. l.c.; Benth. l.c. Urostigma nervosum, Miq. Lond. Journ. Bot. 6. p. 585.
A large ~~tree~~ widely tree 20 feet high. Young fruit depressed pyriform. Stigmas often deeply bifid.

Ficus pyriformis, Hook. & Arn. Bot. Beechey, p. 216; Miq. in Lond. Journ. Bot. 7, p. 437; Seem. l.c.; Benth. l.c.
A shrub 2-5 feet commonly but not "always" found in the rocky beds of torrents. The leaves are very closely dotted on the under side a circumstance not mentioned in the detailed description by Miquel. Is not F. Nullessii Miq. (Millettii?) to which dotted leaves are attributed the same?

Ficus variolosa, Benth. in Lond. Journ. Bot. 1, p. 492 & Kew Gard. Misc. 6. p. 76; Seem. l.c.
A bush 2-5 feet high growing on mountain sides. The receptacle is pilose in the inside. Staminate flowers with a rudimental ovary.

Ficus impressa, Champ.; Benth. in Kew Gard. Misc. 6, p. 76; Seem. l.c.

Creeping over rocks. The anthers are longer than the perianth & tipped with an incurved prolongation of the connective.

Ficus Championi, Benth. in Kew Gard. Misc. 6, p. 76; Seem. l.c.

A sparingly branched shrub 2-4 feet high growing in thickets. Fruit when fresh light green, changing to light yellowish in drying.

Ficus hirta, Vahl; Miq. in Lond. Journ. Bot. 7, p. 456; Benth. l.c.; Seem. l.c. F. hibiscifolia Champ. in Kew Gard. Misc. l.c.

With more than twenty specimens before us, collected at different seasons, we are utterly unable to find any dividing line between F. hirta and F. hibiscifolia. The leaves are of all sizes; some are entire, others are more or less deeply 3-5 lobed and they vary much in the degree of pubescence. The fruit is, however, very nearly alike in all & the seeds were found to be of the same nearly white color and with the same slight rugulosity. Some ~~very~~ quite young specimens agree very exactly with the figure of (F. setosa) Hook. & Arn. Bot. Beechey, but the pubescence of the fruit is nearly white & the leaves turn of a very dark green color in drying.

Celtideae,

Celtis Caucasica, Willd.; Planch. Ulmac. in Ann. Scienc. Nat. 3 ser. 10, p. 284.

Cultivated as a shade tree

Sponia velutina, Planch. Ann. Scienc. Nat. 3 Ser. 10, p. 327

~~Our plants~~ A bush 6–12 feet high growing by ravines. This was procured in abundance & accords well with the description & with specimens in Herb. Gray.

Proteaceæ.

Helicia lanceifolia, Sieb. & Zucc. Fl. Jap. Fam. Nat. sect. 2, p. 74; Meisn. in DC. Prodr. 14, p. 439

Flowers white. This plant was observed only by J. Small who secured a good number of specimens & was of the opinion that it was indigenous.

Cupuliferæ.

Castanea Chinensis? Spreng.; Seem. Bot. Herald, p. 413. Quercus Eyrei. Champ. in Kew Gard. Misc. 6, p. 114.

A bush or small tree 8–15 feet high. The specimens are in flower but they agree with the description except that the leaves are paler on the under side.

Castanea concinna, Champ.; Benth. in Kew Gard. Misc. 6, p. 115; Seem. l.c. t. 86.

A small spreading tree 10–16 feet high. Our specimens accord well with the figure but there is no trace of any pubescence on the under side of the leaves & the young fruit looks much more like an acorn than a chestnut.

Quercus cornea, Lour. Fl. Coch. p. 700; Seem. l.c. t. 87; Benth. l.c.

A small tree 10–12 feet high. The cup has, on the inner edge, a densely pubescent ring about a line wide.

Quercus inversa, Lindl.; Benth. l.c.; Seem. l.c. t. 88.

A small tree 15 feet high. Aments greenish white. This like Castanea concinna answers to the figure but there is not a trace of the tomentum on the under side of the leaves.

Quercus Harlandi, Hance, in Walp. Ann. 3. p. 382; Seem. l. c. t. 89; Benth. l. c.
A small tree 15--20 feet high growing in dense thickets.

Quercus Championi, Benth. in Kew Gard. Misc. 6, p. 113; Seem. l. c. t. 90.
A low widely spreading bush 4-6 feet high growing near the tops of the mountains.

Quercus salicina. Bl. Mus. Lugd. 1, p. 305; Seem. l. c. t. 91; Benth. l. c.
A small slender tree 10-15 feet high.

Quercus fissa, Champ.; Benth in Kew Gard. Misc. 6, p. 114; Seem Bot. Herald, p. 415, t. 92.
In mountain ravines. A sparingly branched bush 10 feet high.

Piperaceae.

Chavica Betle, Miq.; Seem. Bot. Herald, p. 415.
Mountain sides among rocks.

Saururaceæ.

Houttuynia cordata, Thunb. Fl. Jap. p. 235; Lam. t. 739.

In rivulets.

Chloranthaceae.

Sarcandra chloranthoides, Gardn.; Wight, Ic. 1946; Seem. Bot. Herald, p. 416; Benth. Kew Gard. Misc. 6 p. 116.

Coniferæ.

Glyptostrobus heterophyllus, Endl. Conif. p. 71. Whampoa
A tree 25 feet high.

Pinus Sinensis, Lamb.; Endl. ~~Syn~~ Conif. 158; Seem. Bot. Herald, p. 416; Benth. in Kew Gard. Misc. 6, p. 116.
A small branching tree near the base of the mountains.

Gnetaceae.

Gnetum scandens, Roxb.; Seem. Bot. Herald, p. 416. G. funiculare, Benth. Kew Gar., (Misc., 6, p. 116; Wight, Ic. 1955.

Fruticose branching ascending on bushes, 4-8 feet high. Dark green.

~~any of the species recorded as belonging to the island and agrees well with the description~~

~~Ficus pyriformis, Hook. & Arn. Bot. Beechey p. 216; Miq. Lond. Journ. Bot. 7, p. 437; Seem. l. c.; Benth~~

Palmae.

Phoenix acaulis, Hamilt. in Roxb. Fl. Ind.; Kunth, Enum. Pl. 3. 257; Seem. Bot. Herald, p. 416.
— Pitoy Island. Many leaves subradical 4–5 feet long. Scapes 2–4 feet high

Calamus, sp.? A single plant only was found with staminate flowers. The aculei of the spadix are dark brown ~~su~~ cucullate in form and the panicle is much like that of C. fasciculata but the ~~leaflets~~ pinnae are closer longer & narrower like those of C. leptostachys and one row of long black flattened slightly reflexed spines on the under side of the midrib and at the base of the frond numerous similar ones of various lengths (some as long as 3 or ~~ft~~ inches)

Pothos Seemanni, Klotsch in Bonplandia 5, 44; Seem. l.c. 'P. scandens L' fide Benth.
Spreading over rocks on the margin of rivulets.

Acorus terrestris, Rumph.; Kunth, Enum. Pl. 3, 87.
In rocky ravines on the mountain sides. Spadix dull reddish brown. Stamens three, one shorter. Included under A. Calamus by Benth

Naiadaceæ.

Naias Indica, Cham. in Linnæa, 4, 501; Kunth, Enum. Pl. 3, 113.
In rice fields.

Zingiberaceæ.

Alpinia Galanga, Sw.; Seem. Bot. Herald, 417.
Hillsides, in dense thickets.

Alpinia calcarata, Rosc.; Spr. 1, 14; Dietr. Syn. Pl. 1. 11; Wight, Ic. 2028.

Alpinia nutans, Rosc.; Seem. l. c.; Wight, Ic. 2027. Catimbium nutans, Lestiboudois in Ann. Sc. Nat. 2nd, Ser. 15, 336.
Hong Kong—Castled.

Canna Indica, Linn.
Hillsides near rivulets. Introduced.

Orchidaceae.

Bulbophyllum ovatum? Lindl. Orch.
55. J. Small
The specimens are without flowers.

Pholidota Chinensis, Lindl.; Seem. Bot. Herald. 417; Benth. in Kew Gard. Misc. 7, 34.
Flowers greenish white. Labellum white — column yellowish.

Eria rosea? Lindl. Orch. 67.
On rocks. The specimens are in fruit.

Conchidium Sinense, Lindl. in Kew Gard. Misc. 7, 34.
Mountain sides. Adhering in small dense patches to the vertical surface of rocks.

Arundina Philippii, Rchb. fil. in Linnaea, 25, 227; Seem. l. c.
Flowers very light pink, except the lip which is deep pink and conspicuously veined.

Spathoglottis Fortunei, Lindl.; Seem. l. c.; Benth. l. c.

Flowers yellow, lateral lobes of the lip veined with red. The flowers & leaves are so like the figures in Wight, Ic. 1739 as to raise a doubt whether they are distinct.

Phajus grandiflorus, Lour.; Lindl. Orch. 126; Benth. l.c.; Seem. l.c.

Flowers white externally; calyx segments & lip purple within.

Cyrtopera flava? Lindl. Orch. 189.

No leaves were obtained. The specimens have a strong resemblance to Wights C. Cullenii Ic. 1754. Sam Tong Islands. Flowers yellow.

Pachystoma Chinense, Rchb. fil. in Bonplandia, 4, 251; Seem. l.c. Apaturia Chinensis, Lindl. Orch. 131.

Flowers purple — crest of lip green.

Cymbidium ensifolium, Sw.; Lindl. Orch. 162; Seem. l.c.; Benth. in Kew Gard. Misc. 7, 35.

In shady thickets. Flowers dull purple, upper part of column bright pink or crimson.

Sarcanthus paniculatus? Lindl. Orch. 233

The specimens are in fruit

Sarcanthus succisus? Lindl. Orch. 233.
Flowers white with purplish spots on the parts that are external in the bud.

Acostonia Championi, Lindl. in Kew Gard. Misc. 7. 35.
Creeping over rocks. Flowers greenish yellow.

Appendicula bifaria, Lindl. in Kew Gard. Misc. 7. 35.
Mountain sides, in crevices of rocks.

Glossaspis antennifera, Rchb. fil. in Linnaea, 25, 225; Seem. l.c.
Mountain sides. Flowers greenish white fading to reddish brown.

Peristylus chloranthus, Lindl. in Kew Gard. Misc. 7. 37
Mountains. Flowers white. ~~Lindl. Orch. 295;~~ Seem. l.c.
~~Specimen communicated by~~ Mr Hance.

Platanthera Susannae, Lindl. Orch. 295; Seem. l.c.
Specimen communicated by Mr Hance.

~~Platanthera Championi, Benth. Kew Gard. Misc. 7, 57;~~
~~Mountain tops~~

Platanthera Galeandra, Rchb. fil. in Linnaea 25, 226; Seem. l.c., P. Championi Benth. in Kew Gard. Misc. 7, 57
Mountain tops. Flowers with the lip very light purple marked with deeper veins.

Spiranthes australis, Lindl. Orch. 464; Benth. l.c.; Seem. l.c.
Damp grounds. Flowers white.

Goodyera procera, Hook.; Lindl. Orch. 493; Benth. l.c.; Wight, Ic. 1729.

Haemaria discolor, Lindl. Orch. 490 Benth. l.c.; Seem. l.c.
On the mountains among rocks. Flowers white except the top of the column which has a yellowish green fringe.

Cypripedium purpuratum, Lindl. Orch. 530; Seem. l. c.; Benth. l. c.

(Mountain sides among grass & tall ferns.

Hypoxideae.

Hypoxis minor, Don; Seem. Bot. ~~He~~ Herald. 419.

Dioscoreaceae.

Dioscorea oppositifolia, Linn.; Kunth, Enum. Pl. 5, 390; Wight, Ic. 2060. Hillside. Climbing on bushes.

Dioscorea aculeata? Linn. Seem. Bot. Herald, 420; Wight, Ic. 2060. Typa Island. The specimens have neither flowers nor fruit.

Liliaceae.

Ophiopogon spicatus, Gawl.; Kunth, Enum. 5, 299; Hook. & Arn. Bot. Beechey, 218; Seem. Bot. Herald, 421.

Smilax lanceaefolia, Roxb.; Seem. l. c.; Kunth. Enum. Pl. 5, 261.
On mountain sides. Three to five feet high.

Smilax glabra, Roxb.; Kunth, Enum. Pl. 5, 162; Seem. l. c.; Hook & Arn. Bot. Beechey, 218.

Smilax Hongkongensis, Seem. l. c. In shady thickets. Berries dark green.

China Linn.

Smilax Japonica, Gray. Coprosmanthus Japonicus Kunth, Enum. Pl. 5, 268. S. ovalifolia, Seem. l. c.?
The pistillate plant has the umbels often in twos or threes as in S. ovalifolia, Wight. Ic. 809.

Smilax? Gaudichaudiana, Kunth, Enum. Pl. 5, 252;

Staminate
Flowers triandrous, the filaments connate
by their edges forming a flattened column (in
the recent state?) Anthers broadly ovate or sub-
orbicular. Climbing 8-15 feet high on trees.

Smilax

Liliaceæ

Lilium longif~~oliu~~lorum, Thunb.; Kunth, Enum. Pl. 4, 266; Seem. Bot. Herald, 421; Benth. in Kew Gard. Misc. 7, 39.

Specimens communicated by Mr. Hance.

Barnardia scilloides, Lindl.; Hook. & Arn. Bot. Beechey, 218; Seem. l. c.; Kunth. Enum. Pl. 4, 337.

Putoy Island. Flowers white.

Dianella ensifolia, Ait.; Benth. in Kew Gard. Misc. 7, 39; Seem. l. c. Kunth, Enum. Pl. 5, 58.

Flowers greenish purple.

Asparagus falcatus, Linn.; Kunth, Enum. Pl. 5, 71; Seem. l. c.

Philydreæ.

Philydrum lanuginosum, Banks; Kunth, Enum. Pl. 3, 380; Seem. l. c.

In rice-fields & other wet places. Flowers yellow.

Pontederiaceae.

Monochoria vaginalis, Presl.; Kunth. Enum. Pl. 4, 134; Pontederia vaginalis; Pluk. Alm. t. 215; Rumph. Amb. 6, t. 75. J. Small. Rice fields.

Commelynaceae.

Commelyna Benghalensis, Linn.; Kunth, Enum. Pl. 4, 50; Seem. Bot. Herald, 420; Wight, Ic. 2065.
Whampoa

Commelyna ~~salicifolia~~ ochreata, Schauer in Pl. Meyen. 447.
Sam Tong Island and Hong Kong.

Commelyna polygama? Roth; Hook. & Arn. Bot. Beechey, 219.
Flowers blue; upper petals reniform, lower very small, linear lanceolate, incurved, whitish; three upper anthers cruciate, three lower fertile. Seeds hemisphaerical, smooth, dark brown, covered with numerous white waxy granulations. Spathes red-dotted, pubescent externally & ciliate with flat jointed hairs. The seeds of the two preceding species are oblong, flattened, reticulated and dull red.

Aneilema didymum, Hamilt.; Seem. Bot. Herald. 422. Putoy Island & Hong Kong
Flowers blue-purple.

Aclisia

Xyridaceae.

Xyris paucef~~lora~~lora, Willd.; Seem. Bot. Herald, 422; Kunth, Enum. Pl. 4, 17.
In rice-fields; flowers yellow.

Xyris Indica, Linn.; Kunth, Enum. Pl. 3, 20.
Stigmas dilated-plicate truncate ~~fim~~ ciliate. Keel of the anterior sepal wanting or inconspicuous. Culm 1½–2 feet high. Leaves 4–6 inches long. Wet vallies in the hills.

Eriocaulaceae.

Eriocaulon australe, R. Br.; Koernicke in Linnaea, 27, 686; Kunth, Enum. Pl. 3, 569.
Wet mountain-sides. Petals spathulate on a long claw; gland lanceolate. Achenium elliptic, brownish red, with a black or dark brown apex, rather indistinctly & irregularly striated. Involucral scales more or less puberulous.

Eriocaulon Wallichianum, Mart. in Wall. Pl. As. Rar. 3, 26, t. 249; Koernicke in Linnaea, 27, 687; Seem. Bot. Herald, 422. Hong Kong & Lam-sing-moon. In rice-fields.

Eriocaulon truncatum Hance ~~luzulaefolium~~, Mart. in Wall. Pl. As. Rar. 3, 28; Koernicke in Linnaea, 27, 686. Sam Tong Island.
On hillsides growing in small dense bunches from wet crevices of rocks.

Eriocaulon heteranthum Benth ~~[illegible]~~, Koernicke in Linnaea 27, 630.
In rice-fields. The scars (left by the fallen hairs of the glands? ~~of the bracts?~~) are sometimes wanting or inconspicuous in our plants & the extremely slender petals of the female flower are white, not gray. The

achenia are elliptic with two distinct longitudinal striæ and one or two indistinct. Style twice as long as the achenium.

Eriocaulon ~~melaleucum~~ setaceum Linn. Mart. in Wall. Pl. As. Rar. 3, 29; Kunth, Enum. Pl. 3, 568; Koernicke in Linnaea, 27, 647.

Seeds broad oval, greenish, finely longitudinally & transversely striate.

Junceae.

Juncus ~~xyphioides, E. Meyer~~ Leschenaultii J. Gay; Spreng. Syst. Veg. 2, 109; Kunth, Enum. Pl. 3, 331.

Cyperaceæ.

— ~~vulgaris~~ Sieb.

Cyperus nitens, Vahl, Enum. Pl. 2, 331; Kunth, Enum. Pl. 2, 3; Steud. Cyp. 3.
In damp fields. Stamen 1.

vulgaris Sieb.

Cyperus ~~capillaris~~ Koen.; Hook. & Arn. Bot. Beechey, 220; Steud. Cyp. 4. C. vulgaris, Kunth, Enum. Pl. 2. 4. B. Fl. H.K. p. 385
Beside rivulets on hillsides.

Cyperus polystachyus, ~~Nees~~, Rottb.; Hook. & Arn. l.c.; Kunth, Enum. Pl. 2, 13; Steud. Cyp. 8. Pycreus polystachyus, Nees, Pl. Meyen. 55.
Cumsingmoon, Typa Island, Lemma Island.

Cyperus angustifolius Nees; Kunth, Enum. Pl. 2, 21; Steud. Cyp. 14.
In fields at Whampoa.

Cyperus compressus, Linn.; Steud. Cyp. 15; Kunth, Enum. Pl. 2, 23; Hook. & Arn. Bot. Beechey. ~~p.~~ 221.
Fields & hillsides, at Whampoa.

Cyperus Haspan, Linn.; Kunth, Enum. Pl. 2, 34; Steud. Cyp. 21; Seem. Bot. Herald 422; Hook. & Arn. l.c.

In ricefields & other wet places; also on Sam Tong Island.

Cyperus difformis, Linn.; Kunth, Enum. Pl. 2, 38; Steud. Cyp. 23; Hook. & Arn. Bot. Beechey, 223; Nees, Pl. Meyen, 70.

In damp fields.

Cyperus Iria, Linn.; Kunth, Enum. Pl. 2, 38; Hook. & Arn. l.c.; Seem. l.c.; Steud. Cyp. 23.

Wet fields.

Cyperus hexastachyus, Rottb.; ~~Kunth, Enum. Pl. 2, 5~~ Hook. & Arn. l.c.; Nees, Pl. Meyen, 60.

Whampoa. This is No 3321 of Wallich's List which Nees according to Kunth with some doubt places as intermediate between C. rotundus & C. lucidulus & under the latter Kunth queries whether Wallich's plant does not belong here.

Cyperus rotundus, Linn.; Kunth, Enum. 2, 58; Steud. Cyp. 32

in fields. This accords perfectly with East Indian specimens in Herb. Gray labeled C. Hydra.

pilosus Vahl
Cyperus ~~verticillatus~~, ~~Roxb.~~; ~~Kunth,~~
Enum. ~~2, 71; Steud. Cyp. p. 36; Hook. & Arn. l.c.~~

pennatus, Lam.
Cyperus ~~canescens~~, ~~Vahl, Enum. Pl. 2, 355;~~
~~Kunth, Enum. Pl. 2, 80; Steud. Cyp. 43;~~ Nees,
Pl. Meyen. 61; Hook. & Arn. l.c.; Seem. l.c.
Damp hillsides, Typa Island.

Cyperus distans, Linn.; Hook. & Arn. Bot. Beech. 223; Steud. Cyp. p. 49; Kunth, Enum. Pl. 2, 93.
In damp soil.

Cyperus radians, Nees & Meyen in Linnaea, 9, 285; & Pl. Meyen. 63; Steud. Cyp. p. 50. C. radicans (err. typ.?) Kunth, Enum. Pl. 2, 85.
In dry sandy ground. Happy Valley.
Cyperus umbellatus Benth ~~Vahl~~;
~~Mariscus, umbellatus,~~ Kunth, Enum. Pl. 2, 118; ~~Steud. Cyp. p. 60~~
Hong Kong & Whampoa.

Abildgaardia monostachya Vahl. Enum. Pl. 2, 296; Steud. Cyp. 72; Kunth, Enum. Pl. 2, 247.

Putoy Island & Whampoa. In small tufts.

Abildgaardia Eragrostis, Nees; Kunth, Enum. Pl. 2, 249; Steud. Cyp. 72; Hook. & Arn. Bot. Beechey, 226.

Typa Island, Cumsingmoon, Whampoa & Hong Kong. Achenium obovate trigonal muricate

Abildgaardia fusca, Nees; Kunth, Enum. Pl. 2, 249; Steud. Cyp. 72.

Achenia obovata, trigona, fusco-albida, muricata, umbonata. Radii & radiolæ densely puberulent; leaves & involucra less so. Our plants in all aspects except pubescence agree with a Nepal specimen (no 3530 of Wallich's dist.) in Herb. Gray. Cumsingmoon & Whampoa.

Fimbristylis nutans, Vahl. Enum. Pl. 2, 285; Kunth. Enum. Pl. 2, 221; Steud. Cyp. 106.

Cumsingmoon. In wet ground

Fimbristylis squarrosa, Vahl, Enum. Pl. 2, 287; Steud. Cyp. p. 116; Kunth, Enum. Pl. 2, 224;

In ricefields. Our specimens are quite smooth as is also one from C. B. S. in Herb. Gray.

Fimbristylis aestivalis, Vahl, Enum. Pl. 2, 288; Kunth, Enum. Pl. 2, 226; Steud. Cyp. p. 110.

Whampoa on damp hills. The upper part of the culm & the umbel are pubescent. Stamina 1 or 2.

Fimbristylis complanata, Link; Kunth, Enum. Pl. 2, 228; Steud. Cyp. p. 112; Seem. l.c. Trichelostylis complanata, (Benth. Pl. Meyen. 84); Hook. & Arn. Bot. Beechey 226.

Sam Tong Island, Hong Kong & Lemma Island.

Fimbristylis miliacea, Vahl, Enum. Pl. 2, 287; Kunth, Enum. Pl. 2, 230; Steud. Cyp. p. 113; Seem. l.c. Trichelostylis miliacea Benth. Linnaea 9, 290 & Pl. Meyen. 84; Hook. & Arn. ~~Bot~~ l.c.

Ricefields, Cumsingmoon & Hong Kong

diphylla? v. tomentosa

Fimbristylis tomentosa, Vahl, Enum. Pl. 2 290; Steud. Cyp. p. 115; Hook. & Arn. Bot. Beechey, 225.

Damp ground, Cumsingmoon. Stamen 2.

Fimbristylis acuminata, Vahl. Enum. 2 285; Steud. Cyp. 106; Kunth, Enum. Pl. 2, 221, Hong Kong, Whampoa, Sam Tong Island.

Fimbristylis sub-bispicata, Nees; Hook. & Arn. Bot. Beechey, 224; Steud. Cyp. 107
Typa Island. Cumsingmoon.

Fimbristylis schoenoides, Vahl. Enum. Pl. 2, 286; Steud. Cyp. 107; Kunth, Enum. Pl. 2, 222.
Cumsingmoon in damp ground.

Fimbristylis leptoclada Benth. ~~ciliolata?~~ Steud. ~~Enum~~ Cyp. p. 109.

Whampoa. Plants 3-7 inches high. Leaves shorter than the filiform culms ~~be~~ narrowly linear brownish or purplish

Squamae rotundatae obtusissimae supra apicem emarginatum mucronatae fusco-lineolatae, Stylus trifidus basi valde incrassatus, achenio obovato trigono tuberculato albido subaequilongus cum bulbo deciduus; Stamen unum.

Fimbristylis schoenoides Vahl ~~subtristachya~~, Steud. Cyp. p. 109

In mountain valleys, growing in small ~~dense~~ dense bunches. Lemma Island

Fimbristylis ~~subbistachya~~ aphylla Vahl, Steud. Cyp. 107.
Hillsides, Lemma Island. In dense bunches.

Fimbristylis Goeringiana, Steud. Cyp. 118.
Hillsides, Hong Kong & Lemma Island. In small dense bunches.

Fimbristylis ~~junciformis~~ aphylla V. var. leptophylla Benth, Wall. Steud. Cyp. 120; Kunth, Enum. Pl. 2, 239; Seem. l. c.
Mountain sides, in small dense bunches.

Isolepis supina, ~~Linn.~~ Br.; Steud. Cyp. 95; Kunth, Enum. Pl. 2, 196.
Damp fields. A considerable number of the specimens have a solitary flower (pistil) at the base of the culm within the sheath with a long (½ inch) deeply cleft exserted pistil. The same was observed in some specimens in Herb. Gray.

Isolepis barbata, R. Br. Prod. 222; Steud. Cyp. 101; Kunth, Enum. Pl. 2, 208; Hook. & Arn. Bot. Beechey, 296; Seem. l. c.
In fields at Whampoa.

Scirpus Chinensis, Munro in Bot. Herald, 433.
In wet places on the mountains.
Achenium suborbiculata biconvexa tenuissime punctulata margine muriculata straminea

apice apiculata

Scirpus Willd

~~Eleocharis~~ capitata, ~~R. Br. Prodr. 225;~~ Kunth, Enum. Pl. 2, 150; Steud. Cyp. p. 75.

Rice fields.

Scirpus afflatus Benth

~~Eleocharis congesta, Don, Prodr. Fl. Nep.~~ 41; Steud. Cyp. p. 80. E. sub-prolifera. Steud. l.c.

Damp fields. Our plants agree well with Don's description, and a few of the specimens show the proliferous habit mentioned by Steudel besides agreeing otherwise with his description.

Rhynchospora laxa, R. Br. Prodr. 230; Kunth, Enum. Pl. 2, 298; Steu. Cyp. p. 141; Seem. l.c.

Hong Kong in crevices of rocks; also Sam-Tong Island

Rhynchospora Wallichiana, Kunth, Enum. Pl. 2, 289; Steud. Cyp. p. 148. Sphaeroschoenus Wallichiana Nees, Pl. Meyen 77. Haplostylis Meyenii Nees; Hook & Arn. Bot. Beechey 227.

None of our specimens have the capitula so large as described. The larger are nearly half an inch in diameter. They have a slenderly obovate achenium muriculate at the summit with a small close fitting umbo. The specimens with smaller heads (1/4")

Kyllingia monocephala, Linn.; Steud. Cyp. 67; Kunth, Enum. 2, 129; Hook. & Arn. Bot. Beechey, 224; Seem. l.c.

Lemma Island, Hong Kong, the opposite coast.

Lipocarpha argentea, R. Br.; Steud. Cyp. 129; Kunth, Enum. Pl. 2, 266; Seem. l.c.

Cumsingmoon, in damp ground.

Hypolytrum latifolium Rich ~~[illegible]~~, Kunth, Enum. Pl. 2, 272; Steud. Cyp. p. 132.

In dense thickets on the hills.

Fuirena glomerata Lam ~~Rottboellii~~ Nees.; Hook. & Arn. l.c. F. glomerata Lam. ex Kunth, Enum. Pl. 2, 184.

Damp fields. Spikes dark green or blackish.

Fuirena umbellata, Roth ~~Rottb.~~; Kunth, Enum. Pl. 2, 185; Seem. l.c.; Nees, Pl. Meyen, 74.

On wet hillsides, Lemma Island. Squamulae obtuse emarginate dark reddish brown mucro recurved

(Arthrostylis, Chinensis Benth. Fl. Hong Kong, p. 397

Rocky cliffs Hong Kong In dense bunches

in size with a larger & broader achenium of a lighter color smooth at the summit with a rather broad groove between it and the large conical beak.

Lepidosperma Chinense, Nees in Linnaea, 9, 302; Kunth, Enum. Pl. 2, 320; Steud. Cyp. 158; Seem. l. c.
Wet ~~hill~~ hillsides.

Gahnia tristis, Nees, Linnaea, 9, 301; Hook. & Arn. Bot. Beechey, 228; Steud. Cyp. 163.
Hillsides, in dense bunches.

Scleria pubescens, Steud. Cyp. 168.
Whole plant rather densely but softly pubescent. Achenia broadly ovate, mucronulate, rugose, white covered with spiculae.

Scleria chinensis Kunth ~~scrobiculata~~, ~~Nees~~, Pl. Meyen. 114; Kunth, Enum. Pl. 2, 342; Steud. Cyp. p. 169.
Hong Kong & Lemma Island.

Scleria Sumatrensis, Retz.; Kunth, Enum. Pl. 2, 357; Steud. Cyp. 171.
In shaded thickets.
A single specimen 4½ feet high agrees pretty well with the description. The sheaths & leaves,

are about equidistant & the latter are 1½ feet long, spreading & conspicuously 2-ranked. Disk-lobes variable some are distinctly 3-toothed others entire or indistinctly toothed

Carex ligata, Boott. Spica subelongata spiculis 3-4 pallidis, cylindricis, pedunculatis, erectis remotis; terminali mascula lineari angusta; reliquis femineis gracilibus inserte vel exserte pedunculatis; bracteis vaginantis setaceis spicis suis brevioribus! Staminibus 3. Perigyniis (figuram insolitam achenii arcte cingentibus) ovatis basi cuneatis, triquetris, angulis infra medium magis prominentibus, sursum contractis, rostratis, rostro basi quasi arcte ligato; bidentatis, parce puberulis, nervatis, pallide viridibus, squama lanceolata obtusa vel acuta, mutica, alba, nervo viridi, paulo latioribus longioribus.

Cespitose, culms several from the same root, triquetrous, setaceous, feeble, a foot or less in height the fructiferous part 3-7 inches long, Sterile leaves 2 lines wide, longer than the culm, flat, scabrous. Bracts sheathing, setaceous, sheaths dull reddish purple, 3-8 lines long. Peduncles scabrous. Staminate spike 15-20 lines long 6/10 line wide scales closely imbricate very obtuse blunt, pale

yellowish green in the middle, with a broad white membranaceous absolute margin. Pistillate spikes 9-12 lines long 2 lines broad 1-3 inches apart. Perigynium 1 1/10 lines long 6/10 line broad. Achenium ~~[illegible]~~ the same shape ~~[illegible]~~ 1 1/10 lines long 6/10 line broad ovate triquetrous ~~dark~~ dull purple dotted with small white vesicles, pale on the angles, transversely enlarged below the middle, otherwise concave on the sides, the apex remarkably enclosing the discoid base of the style

Carex Chinensis, Retz.; Boott, Illustr. B, 74, t. 36.
Wooded hillsides.

Carex oligostachys. R. Brown in Duperrey's Voyage 152, t. 15, 2. one form scales shorter obtuse
Mountain sides. In dense bunches

Carex pumila, Thunb. Schk. Car. 112.
C. littorea, Labill. N. Holl. t. 219; Kunth, Enum. 2, 599.
In loose sand by the sea shore.

[illegible] Boyl. B. [illegible] Illustr. [illegible] 85 tab 233;
Carex ~~valida~~, ~~Nees~~; ~~Hook. & Arn. Bot. Beechey 230~~; Steud. Cyp. 208; Kunth, Enum. Pl. 2, 513.
Mountain sides. in damp soil

Carey Mayo Book — H. Hongkong p. 402

Base of rocky cliffs Hongkong

Indigofera

Meliaceae.

not! according to | Bentham

Mallea Rothii, A. de Juss. in Mem. ~~d~~ Mus. 19, t. 13; Wight & Arn. Prodr. Fl. Ind. 1, p. 118. Melia baccifera DC. Prodr. 1, p. 622. A small branching tree 10–20 feet high growing in dense thickets.

Halorageae.

Haloragis ~~Gonocarpus~~ scaber, Gray ~~Koen.~~; DC. Prod. 3. p. 66; Seem. Bot. Herald, p. 377.

Pandanaceae.

Pandanus fascicularis, Lam. Encycl. 1. 372; Kunth, Enum. Pl. 3. 98; Seem. Bot. Herald 416.

In hedges

Pandanus furcatus? Royl.

A single leaf 7 feet long & little more than an inch wide with aculeate strong teeth on the margins nearly an inch apart and similar retrorse aculei on the midrib nearly two inches apart and two or three drupes one of which only has the curved spine at the apex remaining; ~~ar~~ undivided are all that was obtained of this ~~very~~ plant in a ravine not far from the town of Victoria The yellowish fruit was 5 inches long by four in thickness.

Araceæ.

Colocasia nymphæafolia, Kunth, Enum. Pl. 3, 37; Wight Ic. 784. Typa Island.
Scape 3 feet long—leaves with the petiole 6 feet. Spathe above the spadix yellow. By wet banks of rivulets.

Alocasia commutata, Schott; Seem. Bot. Herald, 416. Sam-Tong Island.
Damp ground under overhanging rocks.

Arisæma, A. Japonicum. aff.
Leaves only.

Arisæma laminatum, Blume. in Rumphia 1, 99, t. 27 & 37; Kunth, Enum. Pl. 3, 17.
In shaded ravines. Spadix above the pistillate flowers furnished with numerous dark, setose appendages. This differs from the figure only in having the spathe a little longer than the spadix ~~but~~ and with a shorter acumination.

Atherurus Tripartitus
~~Antherurum~~ ternatus, Blume in Rumphia. 1, 137; Kunth, Enum. Pl. 3, 64. Putoy Island.
In the shade of overhanging rocks.

Lycopodiaceae.

Psilotum triquetrum, Sw.; Hook. in Kew Gard. Misc. 9, 362; Spring, Lycop. 2, 269.
In crevices of rocks on the mountain.

Lycopodium cernuum, Linn.; Spring, Lycop. 2, 37; Hook. ~~Kew Gard. Misc.~~ l.c.; Bot. Beechey 258; Seem. Bot. Herald, 431

Lycopodium atroviride Wall
Selaginella atroviridis, ~~Spring~~, Lycop. 2, 124; ~~Hook, Kew Gard. Misc. 9, 362~~ Seem. l.c. Lycopodium atroviride, Hook. Kew Gard. Misc. 9, 362.
In shaded rocky ravine. The ~~upper~~ leaves are sometimes sabrous with short hairs on the upper surface.

Selaginella caudata, Spring, Lycop. 2, 139; ~~Hook. l.c.~~ Lycopodium caudatum, ~~l.c.~~ Hook. l.c.
The leaves are often denticulate at the apex.

Selaginella flabellata, Spring, Lycop. 2, 174; Seem. l.c. Lycopodium caudatum, Hook. l.c.
Mountain ravines.

~~Selaginella concinna, Spring~~, Lycop. 2, p. 199; Seem. l.c.

Selaginella tenera, Spring, Lycop. 2, 241

Selaginella involvens, Spring, Lycop. 2, 63; Hook. l. c.

Salviniaceae

Azolla pinnata, R. Brown, Bot. Terr. Austr. 610, t. 10; Hook. & Arn. Bot. Beechey, 257.
On pools in rice-fields.